Osmania University

THE

CALENDAR

FOR

1348-1351 Fasli.

(Oct. 1938 - Oct. 1942)

CONTENTS

Page

B. Faculty of Science.

4. SUCCESSION LISTS :—

6. REGULATIONS—

7. SUPPLEMENTARY RULES—

FARWARDI 1348 F.—FEBRUARY 1939.

?.	Feb.	Days.	
	3	**FRI**	⎫ *Iduz Zoha.*
	4	Sat	⎭
	5	Sun	
	6	Mon	
	7	Tues	
	8	Wed	
	9	Thurs	*Fateha Hazrat Osman Ghani.*
	10	**FRI**	
	11	Sat	
	12	Sun	
	13	Mon	
	14	Tues	
	15	Wed	
	16	Thurs	
	17	**FRI**	*Maha Shivratri.*
	18	Sat	
	19	Sun	
	20	Mon	
	21	Tues	⎫ *Moharram. Fateha Hazrat Omar.*
?	22	Wed	
?	23	Thurs	
?	24	**FRI**	
2	25	Sat	
2	26	Sun	
2	27	Mon	
2	28	Tues	
2	Mar.	Wed	
2?	2	Thurs	
?2?	3	**FRI**	
230	4	Sat	
3?	5	Sun	⎭ *Holi.*

ARDIBEHISHT 1348 F.—MARCH 1939.

Ard.	Mar.	Days.	
1	6	Mon	*Holi.*
2	7	Tues	*Convocation day.*
3	8	Wed	
4	9	Thurs	
5	10	FRI	
6	11	Sat	
7	12	Sun	
8	13	Mon	
9	14	Tues	
10	15	Wed	
11	16	Thurs	
12	17	FRI	
13	18	Sat	
14	19	Sun	
15	20	Mon	
16	21	Tues	
17	22	Wed	*Ugadi.*
18	23	Thurs	
19	24	FRI	
20	25	Sat	
21	26	Sun	
22	27	Mon	
23	28	Tues	
24	29	Wed	*Sri Ram Navmi.*
25	30	Thurs	
26	31	FRI	
27	Apl.	Sat	
28	2	Sun	
29	3	Mon	
30	4	Tues	
31	5	Wed	

KHURDAD 1348 F.—APRIL 1939.

Khd	Apl.	Days.	
1	6	Thurs	
2	7	FRI	
3	8	Sat	*Matriculation Examination begins.*
4	9	Sun	
5	10	Mon	
6	11	Tues	*Arbayeen.*
7	12	Wed	
8	13	Thurs	
9	14	FRI	
10	15	Sat	
11	16	Sun	
12	17	Mon	
13	18	Tues	
14	19	Wed	*Last Wednesday.*
15	20	Thurs	
16	21	FRI	
17	22	Sat	
18	23	Sun	
19	24	Mon	
20	25	Tues	
21	26	Wed	*Fateha Hazrat Imam Hasan.*
22	27	Thurs	
23	28	FRI	
24	29	Sat	
25	30	Sun	
26	May	Mon	
27	2	Tues	⎫
28	3	Wed	⎬ *Doaz-dahum-Sharif.*
29	4	Thurs	*Lunar Eclipse.*
30	5	FRI	
31	6	Sat	

TIR 1348 F.—MAY 1939.

Tir.	May	Days.	
1	7	Sun	
2	8	Mon	
3	9	Tues	
4	10	Wed	
5	11	Thurs	
6	12	FRI	
7	13	Sat	
8	14	Sun	*Rendition of the Residency area.*
9	15	Mon	
10	16	Tues	
11	17	Wed	
12	18	Thurs	
13	19	FRI	
14	20	Sat	
15	21	Sun	
16	22	Mon	
17	23	Tues	
18	24	Wed	*Queen Victoria's Birthday.*
19	25	Thurs	
20	26	FRI	*Birthday of H. H. the late Nizam.*
21	27	Sat	
22	28	Sun	
23	29	Mon	
24	30	Tues	
25	31	Wed	*Yazdahum Sharif.*
26	Jun.	Thurs	
27	2	FRI	
28	3	Sat	
29	4	Sun	
30	5	Mon	
31	6	Tues	

AMARDAD 1348 F.—JUNE 1939.

Amr	Jun.	Days.
1	7	Wed
2	8	Thurs.
3	9	FRI
4	10	Sat
5	11	Sun
6	12	Mon
7	13	Tues
8	14	Wed
9	15	Thurs
10	16	FRI
11	17	Sat
12	18	Sun
13	19	Mon
14	20.	Tues
15	21	Wed
16	22	Thurs
17	23	FRI
18	24	Sat
19	25	Sun
20	26	Mon
21	27	Tues
22	28	Wed
23	29	Thurs
24	30	FRI
25	July	Sat
26	2	Sun
27	3	Mon
28	4	Tues
29	5	Wed
30	6	Thurs
31	7	FRI

SHAHREWAR 1348 F.—JULY 1939.

Shr.	July	Days.
1	8	Sat
2	9	Sun
3	10	Mon
4	11	Tues
5	12	Wed
6	13	Thurs
7	14	FRI
8	15	Sat
9	16	Sun
10	17	Mon
11	18	Tues
12	19	Wed
13	20	Thurs
14	21	FRI
15	22	Sat
16	23	Sun
17	24	Mon
18	25	Tues
19	26	Wed
20	27	Thurs
21	28	FRI
22	29	Sat
23	30	Sun
24	31	Mon
25	Aug	Tues
26	2	Wed
27	3	Thurs
28	4	FRI
29	5	Sat
30	6	Sun
31	7	Mon

MEHAR 1348 F.—AUGUST 1939.

Meh	Aug	Days.	
1	8	Tues	
2	9	Wed	*Fateha Hazrat Abu Bakar Siddiq.*
3	10	Thurs	
4	11	FRI	
5	12	Sat	
6	13	Sun	
7	14	Mon	
8	15	Tues	
9	16	Wed	
10	17	Thurs	*H. E. H. the Nizam's Birthday.*
11	18	FRI	
12	19	Sat	
13	20	Sun	
14	21	Mon	
15	22	Tues	*Uras Hazrat Khwaja Muinuddin Chishti.*
16	23	Wed	
17	24	Thurs	
18	25	FRI	
19	26	Sat	
20	27	Sun	
21	28	Mon	**Osmania University College opened 1328 F. 1919.**
22	29	Tues	*Villadeth Amir Alaihis Salam.*
23	30	Wed	
24	31	Thurs	
25	Sept	FRI	
26	2	Sat	⎫ *Maula Ali Uras.*
27	3	Sun	⎭
28	4	Mon	
29	5	Tues	
30	6	Wed	*Janma Ashtami.*

ABAN 1348 F.—SEPTEMBER 1939.

Abn	Sep.	Days.	
1	7	Thurs	Translation Bureau founded 18th Ziqada 1335 **H.** 1326 F.—1917.
2	8	FRI	
3	9	Sat	
4	10	Sun	
5	11	Mon	} *Shab-i-Miraj.*
6	12	Tues	
7	13	Wed	
8	14	Thurs	*Independence day.*
9	15	FRI	
10	16	Sat	*Ganesh Chouthi.*
11	17	Sun	
12	18	Mon	
13	19	Tues	
14	20	Wed	
15	21	Thurs	
16	22	FRI	The Royal Charter of the Osmania University promulgated, 16th Zilhijja, 1336 H.–1327 F.– 1918.
17	23	Sat	
18	24	Sun	
19	25	Mon	
20	26	Tues	
21	27	Wed	*Anantachaturdasi.*
22	28	Thurs	} *Shab-i-Barat.*
23	29	FRI	
24	30	Sat	
25	Oct.	Sun	
26	2	Mon	
27	3	Tues	
28	4	Wed	
29	5	Thurs	
30	6	FRI	

AZUR 1349 F.—OCTOBER 1939.

Azu.	Oct.	Days.	
1	7	Sat	*New Year.*
2	8	Sun	Osmania University Established, 1st Muharrum 1337 H., 1328 F.—1918.
3	9	Mon	
4	10	Tues	
5	11	Wed	
6	12	Thurs	
7	13	FRI	
8	14	Sat	
9	15	Sun	
10	16	Mon	
11	17	Tues	
12	18	Wed	Anniversary of H. H. the late Nizam.
13	19	Thurs	
14	20	FRI	
15	21	Sat	*H.E.H. the Nizam ascended the throne.*
16	22	Sun	⎱ *Dasehra*
17	23	Mon	⎰
18	24	Tues	*Berar Agreement.*
19	25	Wed	
20	26	Thurs	
21	27	FRI	
22	28	Sat	The Degree of Sultan-ul-Uloom presented to H. E. H. 1333 F. —1923.
23	29	Sun	
24	30	Mon	
25	31	Tues	
26	Nov	Wed	
27	2	Thurs	
28	3	FRI	*Fateha Hazrat Ali.*
29	4	Sat	
30	5	Sun	

ABAN 1348 F.—SEPTEMBER 1939.

Abn	Sep.	Days.	
1	7	Thurs	Translation Bureau founded 18th Ziqada 1335 H. 1326 F.—1917.
2	8	FRI	
3	9	Sat	
4	10	Sun	
5	11	Mon	} *Shab-i-Miraj.*
6	12	Tues	
7	13	Wed	
8	14	Thurs	*Independence day.*
9	15	FRI	
10	16	Sat	*Ganesh Choulhi.*
11	17	Sun	
12	18	Mon	
13	19	Tues	
14	20	Wed	
15	21	Thurs	
16	22	FRI	The Royal Charter of the Osmania University promulgated, 16th Zilhijja, 1336 H.–1327 F.-1918.
17	23	Sat	
18	24	Sun	
19	25	Mon	
20	26	Tues	
21	27	Wed	*Anantachaturdasi.*
22	28	Thurs	} *Shab-i-Barat.*
23	29	FRI	
24	30	Sat	
25	Oct.	Sun	
26	2	Mon	
27	3	Tues	
28	4	Wed	
29	5	Thurs	
30	6	FRI	

AZUR 1349 F.—OCTOBER 1939.

Azu.	Oct.	Days.	
1	7	Sat	*New Year.*
2	8	Sun	Osmania University Established, 1st Muharrum 1337 H., 1328 F.—1918.
3	9	Mon	
4	10	Tues	
5	11	Wed	
6	12	Thurs	
7	13	FRI	
8	14	Sat	
9	15	Sun	
10	16	Mon	
11	17	Tues	
12	18	Wed	Anniversary of H. H. the late Nizam.
13	19	Thurs	
14	20	FRI	
15	21	Sat	*H.E.H. the Nizam ascended the throne.*
16	22	Sun	} *Dasehra*
17	23	Mon	
18	24	Tues	*Berar Agreement.*
19	25	Wed	
20	26	Thurs	
21	27	FRI	
22	28	Sat	The Degree of Sultan-ul-Uloom presented to H. E. H. 1333 F. —1923.
23	29	Sun	
24	30	Mon	
25	31	Tues	
26	Nov	Wed	
27	2	Thurs	
28	3	FRI	*Fateha Hazrat Ali.*
29	4	Sat	
30	5	Sun	

DAI 1349 F.—NOVEMBER 1939.

Dai.	Nov	Days.	
1	6	Mon	
2	7	Tues	
3	8	Wed	
4	9	Thurs	
5	10	FRI	*Shab-i-Qadar. Divali.*
6	11	Sat	
7	12	Sun	The Osmania University Regulations received the assent of H. E. H. 29th Safar 1339 H.—1330 F.—1920.
8	13	Mon	*Id-ul-fitr.*
9	14	Tues	
10	15	Wed	
11	16	Thurs	
12	17	FRI	
13	18	Sat	
14	19	Sun	
15	20	Mon	
16	21	Tues	
17	22	Wed	
18	23	Thurs	
19	24	FRI	
20	25	Sat	
21	26	Sun	
22	27	Mon	
23	28	Tues	
24	29	Wed	
25	30	Thurs	*Convocation day.*
26	Dec.	FRI	
27	2	Sat	
28	3	Sun	
29	4	Mon	

BAHMAN 1349 F. —DECEMBER 1939.

Bah	Dec.	Days.	
1	5	Tues	
2	6	Wed	
3	7	Thurs	
4	8	FRI	
5	9	Sat.	M. B. B. S.. (1st & 3rd) Professional Examinations.
6	10	Sun	
7	11	Mon	
8	12	Tues	
9	13	Wed	
10	14	Thurs	
11	15	FRI	
12	16	Sat	
13	17	Sun	
14	18	Mon	
15	19	Tues	
16	20	Wed	
17	21	Thurs	
18	22	FRI	
19	23	Sat	
20	24	Sun	
21	25	Mon	*Christmas.*
22	26	Tues	*Birthday of Junior Prince.*
23	27	Wed	
24	28	Thurs	
25	29	FRI	
26	30	Sat	
27	31	Sun	
28	Jan. 1940	Mon	*New Year.*
29	2	Tues	
30	3	Wed	

ISFANDAR 1349 F.—JANUARY 1940.

Isf.	Jan.	Days.	
1	4	Thurs	
2	5	FRI	
3	6	Sat	
4	7	Sun	
5	8	Mon	
6	9	Tues	
7	10	Wed	
8	11	Thurs	
9	12	FRI	
10	13	Sat	
11	14	Sun	*Til Sankarat.*
12	15	Mon	
13	16	Tues	
14	17	Wed	
15	18	Thurs	
16	19	FRI	
17	20	Sat	⎫
18	21	Sun	⎪
19	22	Mon	⎬ *Id-uz-Zoha.*
20	23	Tues	⎪
21	24	Wed	⎭
22	25	Thurs	
23	26	FRI	
24	27	Sat	
25	28	Sun	
26	29	Mon	*Fatcha Hazrat Osman Ghani.*
27	30	Tues	
28	31	Wed	
29	Feb.	Thurs	
30	2	FRI	

FARWARDI 1349 F.—FEBRUARY 1940.

Far.	Feb.	Days.	
1	3	Sat	
2	4	Sun	
3	5	Mon	
4	6	Tues	
5	7	Wed	
6	8	Thurs	
7	9	FRI	
8	10	Sat	*Moharram.*
9	11	Sun	
10	12	Mon	
11	13	Tues	*Basant Panchmi.*
12	14	Wed	
13	15	Thurs	
14	16	FRI	
15	17	Sat	
16	18	Sun	
17	19	Mon	
18	20	Tues	
19	21	Wed	
20	22	Thurs	
21	23	FRI	
22	24	Sat	
23	25	Sun	
24	26	Mon	
25	27	Tues	
26	28	Wed	
27	29	Thurs	
28	Mar.	FRI	
29	2	Sat	
30	3	Sun	
31	4	Mon	

ARDIBEHISHT 1349 F.—MARCH 1940.

Ard.	Mar.	Days.	
1	5	Tues	Intermediate, B.Sc. and M.Sc. Practical Exa
2	6	Wed	minations begin.
3	7	Thurs	*Maha Shivratri.*
4	8	FRI	
5	9	Sat	
6	10	Sun	
7	11	Mon	
8	12	Tues	Intermediate, B.A. B.Sc. and B.E. Theoretica
9	13	Wed	Examinations begin.
10	14	Thurs	
11	15	FRI	
12	16	Sat	M.B.B.S. Examinations begin.
13	17	Sun	
14	18	Mon	M.A. Examinationsbegin.
15	19	Tues	
16	20	Wed	L.L.B. and Dip-in-Ed. Examinations begin.
17	21	Thurs	
18	22	FRI	
19	23	Sat	⎫ *Holi and Dhulandi.*
20	24	Sun	⎭
21	25	Mon	M.Sc. Examinationsbegin.
22	26	Tues	
23	27	Wed	
24	28	Thurs	
25	29	FRI	
26	30	Sat	*Arbain.*
27	31	Sun	
28	Apr.	Mon	
29	2	Tues	
30	3	Wed	*Akhri Chahar Shamba.*
31	4	Thurs	

KHURDAD 1349 F.—APRIL 1940.

Khd	Apr.	Days.	
1	5	**FRI**	
2	6	Sat	*Matriculation Examination begins.*
3	7	Sun	
4	8	Mon	*Ugadi.*
5	9	Tues	
6	10	Wed	
7	11	Thurs	
8	12	**FRI**	
9	13	Sat	
10	14	Sun	*Fatehah Hazrat Imam Hasan.*
11	15	Mon	
12	16	Tues	*Sri Ram Navmi.*
13	17	Wed	
14	18	Thurs	
15	19	**FRI**	
16	20	Sat	*Doaz-dahum-Sharif.*
17	21	Sun	
18	22	Mon	
19	23	Tues	
20	24	Wed	
21	25	Thurs	
22	26	FRI	
23	27	Sat	
24	28	Sun	
25	29	Mon	
26	30	Tues	
27	May	Wed	
28	2	Thurs	
29	3	FRI	
30	4	Sat	
31	5	Sun	

TIR. 1349 F.—MAY 1940.

Tir.	May	Days.	
1	6	Mon	
2	7	Tues	
3	8	Wed	
4	9	Thurs	
5	10	FRI	
6	11	Sat	
7	12	Sun	
8	13	Mon	
9	14	Tues	*His late Highness the Nizam's Birthday;*
10	15	Wed	*Rendition of the Residency Area.*
11	16	Thurs	
12	17	FRI	
13	18	Sat	
14	19	Sun	*Yazdahum Sharif.*
15	20	Mon	
16	21	Tues	
17	22	Wed	
18	23	Thurs	
19	24	FRI	*Queen Victoria's Birthday, 1819.*
20	25	Sat	
21	26	Sun	
22	27	Mon	
23	28	Tues	
24	29	Wed	
25	30	Thurs	
26	31	FRI	
27	Jun.	Sat	
28	2	Sun	
29	3	Mon	
30	4	Tues	
31	5	Wed	

AMARDAD 1349 F.—JUNE 1940.

Amr	Jun.	Days.	
1	6	Thurs	
2	7	FRI	
3	8	Sat	
4	9	Sun	
5	10	Mon	
6	11	Tues	
7	12	Wed	
8	13	Thurs	*H. M. the King-Emperor's Birthday.*
9	14	FRI	
10	15	Sat	
11	16	Sun	
12	17	Mon	
13	18	Tues	
14	19	Wed	
15	20	Thurs	
16	21	FRI	
17	22	Sat	
18	23	Sun	
19	24	Mon	
20	25	Tues	
21	26	Wed	
22	27	Thurs	
23	28	FRI	
24	29	Sat	
25	30	Sun	
26	July	Mon	
27	2	Tues	
28	3	Wed	
29	4	Thurs	
30	5	FRI	
31	6	Sat	

SHAHREWAR 1349 F.—JULY 1940.

Shr.	July	Days.	
1	7	Sun	
2	8	Mon	
3	9	Tues	
4	10	Wed	
5	11	Thurs	
6	12	FRI	
7	13	Sat	
8	14	Sun	
9	15	Mon	
10	16	Tues	
11	17	Wed	
12	18	Thurs	
13	19	FRI	
14	20	Sat	
15	21	Sun	
16	22	Mon	
17	23	Tues	
18	24	Wed	
19	25	Thurs	
20	26	FRI	
21	27	Sat	
22	28	Sun	*Fatehah Khalifa Awal.*
23	29	Mon	
24	30	Tues	
25	31	Wed	
26	Aug	Thurs	
27	2	FRI	
28	3	Sat	
29	4	Sun	
30	5	Mon	
31	6	Tues	*His Exalted Highness the Nizam's Birthday.*

MEHAR 1349 F.   AUGUST 1940.

Meh	Aug	Days.	
1	7	Wed	
2	8	Thurs	
3	9	FRI	
4	10	Sat	
5	11	Sun	*Urus Hazrat Khaja Moinuddin Chishti.*
6	12	Mon	
7	13	Tues	
8	14	Wed	
9	15	Thurs	
10	16	FRI	
11	17	Sat	*Rakhi Poonam.*
12	18	Sun	*Birthday of Amir Haiboslam.*
13	19	Mon	
14	20	Tues	
15	21	Wed	
16	22	Thurs	
17	23	FRI	
18	24	Sat	
19	25	Sun	*Janma Ashtimi.*
20	26	Mon	
21	27	Tues	**Osmania University College opened 1328 F. 1919.**
22	28	Wed	
23	29	Thurs	
24	30	FRI	
25	31	Sat	*Shabi-Miraj.*
26	Sept	Sun	
27	2	Mon	
28	3	Tues	*Independene day.*
29	4	Wed	
30	5	Thurs	*Ganesh Chitorthi.*

ABAN 1349 F. –SEPTEMBER 1940.

Abn	Sep.	Days.	
1	6	FRI	Translation Bureau founded 18th Ziqada 1335 H. 1326 F.-1917.
2	7	Sat	
3	8	Sun	
4	9	Mon	
5	10	Tues	
6	11	Wed	
7	12	Thurs	
8	13	FRI	
9	14	Sat	
10	15	Sun	*Anantchaturdashi.*
11	16	Mon	
12	17	Tues	⎱ *Shab-i-Barat.*
13	18	Wed	⎰
14	19	Thurs	
15	20	FRI	
16	21	Sat	The Royal Charter of the Osmania University promulgated, 16th Zilhijja, 1336 H. 1327 F.-1918.
17	22	Sun	
18	23	Mon	*Urs Hazrat Baba Sharfuddin.*
19	24	Tues	
20	25	Wed	
21	26	Thurs	
22	27	FRI	
23	28	Sat	
24	29	Sun	
25	30	Mon	
26	Oct.	Tues	
27	2	Wed	
28	3	Thurs	
29	4	FRI	
30	5	Sat	.

AZUR 1350 F. OCTOBER 1940.

Azr.	Oct.	Days.	
1	6	Sun	*Fasli New Year.*
2	7	Mon	**Osmania University established 1st Muhar-**
3	8	Tues	**ram 1337 H., 1328 F.. 1918.**
4	9	Wed	*H. E. H. the Nizam Ascended the throne*
5	10	Thurs	⎱ *Daschra.*
6	11	FRI	⎰
7	12	Sat	
8	13	Sun	
9	14	Mon	
10	15	Tues	
11	16	Wed	
12	17	Thurs	
13	18	FRI	
14	19	Sat	
15	20	Sun	
16	21	Mon	
17	22	Tues	*Fateha Hazrat Ali.*
18	23	Wed	
19	24	Thurs	*Berar Agreement.*
20	25	FRI	
21	26	Sat	
22	27	Sun	**The Degree of Sultan-ul-Uloom presented**
			to H. E. H. the Nizam. 1333 F.—1923.
23	28	Mon	
24	29	Tues	⎫ *ShabiQadr.*
25	30	Wed	⎪
26	31	Thurs	⎬ *Dipawali.*
27	Nov	FRI	⎭
28	2	Sat	⎫
29	3	Sun	⎬ *Id-ul-Fitr.*
30	4	Mon	⎭

DAI 1350 F.—NOVEMBER 1940.

Dai.	Nov	Days.	
1	5	Tues	*Idul-Fitr.*
2	6	Wed	
3	7	Thurs	
4	8	FRI	
5	9	Sat	
6	10	Sun	
7	11	Mon	The Osmania University Regulations received the assent of H. E. H. 29th Safar 1339 H.— 1330 F.— 1920. **Special Convocation. to confer the honorary degree of LL. D. on H.H. the Prince of Berar, General Walashan Azam Jah Bahadur.**
8	12	Tues	*Princes' Marriage.*
9	13	Wed	
10	14	Thurs	
11	15	FRI	
12	16	Sat	
13	17	Sun	
14	18	Mon	
15	19	Tues	
16	20	Wed	
17	21	Thurs	
18	22	FRI	
19	23	Sat	
20	24	Sun	
21	25	Mon	
22	26	Tues	
23	27	Wed	
24	28	Thurs	
25	29	FRI	
26	30	Sat	
27	Dec.	Sun	
28	2	Mon	
29	3	Tues	

BAHMAN 1350 F.—DECEMBER 1940.

Bah.	Dec.	Days.	
1	4	Wed	
2	5	Thurs	
3	6	FRI	
4	7	Sat	
5	8	Sun	
6	9	Mon	
7	10	Tues	
8	11	Wed	
9	12	Thurs	
10	13	FRI	
11	14	Sat	
12	15	Sun	*Birthday of Junior Prince.*
13	16	Mon	
14	17	Tues	
15	18	Wed	
16	19	Thurs	*Annual Convocation.*
17	20	FRI	
18	21	Sat	
19	22	Sun	
20	23	Mon	
21	24	Tues	
22	25	Wed	*Christmas.*
23	26	Thurs	
24	27	FRI	
25	28	Sat	
26	29	Sun	
27	30	Mon	
28	31	Tues	
29	Jan. 1941	Wed	*New Year.*
30	2	Thurs	

ISFANDAR 1350 F.—JANUARY 1941.

Isf.	Jan.	Days.	
1	3	FRI	
2	4	Sat	
3	5	Sun	*Urus Hazrat Yousuf Sahib and Sharif Sahib.*
4	6	Mon	
5	7	Tues	
6	8	Wed	⎫
7	9	Thurs	⎪
8	10	FRI	⎬ *Iduz Zoha.*
9	11	Sat	⎪
10	12	Sun	⎭
11	13	Mon	
12	14	Tues	*Til Sankarat.*
13	15	Wed	
14	16	Thurs	
15	17	FRI	*Fateha Hazrat Osman Ghani.*
16	18	Sat	
17	19	Sun	
18	20	Mon	
19	21	Tues	
20	22	Wed	
21	23	Thurs	
22	24	FRI	Last date for reciving applications for the Matriculation Examination.
23	25	Sat	
24	26	Sun	
25	27	Mon	
26	28	Tues	
27	29	Wed	⎫ *Fateha Hazrat Omar Farooq.*
28	30	Thurs	⎬ *Moharrum.*
29	31	FIR	⎪
30	Feb.	a	⎭ *Basant Panchmi.*

FARWARDI 1359 F.   FEBRUARY 1941.

Far.	Feb.	Days.	
1	2	Sun	⎫
2	3	Mon	⎪
3	4	Tues	*Remaining Holidays of Moharrum.*
4	5	Wed	Last day for receiving applications from priv-
5	6	Thurs	ate candidates for Inter. B. A and B. Sc.,
6	7	FRI	Examinations.
7	8	Sat	⎪
8	9	Sun	⎭
9	10	Mon	
10	11	Tues	
11	12	Wed	
12	13	Thurs	
13	14	FRI	
14	15	Sat	
15	16	Sun	
16	17	Mon	
17	18	Tues	Last day for receiving applications from candi-
18	19	Wed	dates for Inter. B. A., B. Sc., M. A., M. Sc.,
19	20	Thurs	and LL. B. Examinations.
20	21	FRI	
21	22	Sat	
22	23	Sun	
23	24	Mon	*Maha Shivratri.*
24	25	Tues	
25	26	Wed	
26	27	Thurs	Last day for receiving applications from candi-
27	28	FRI	dates for B.E., M. B., B. S., (2nd and 4th
28	Mar.	Sat	professional) and Diploma in Education Exa-
29	2	Sun	minations.
30	3	Mon	
31	4	Tues	

ARDIBEHISHT 1350 F.—MARCH 1941.

Ard.	Mar.	Days.	
1	5	Wed	
2	6	Thurs	
3	7	FRI	
4	8	Sat	
5	9	Sun	
6	10	Mon	
7	11	Tues	
8	12	Wed	
9	13	Thurs	*Holi and Dhulandi.*
10	14	FRI	*Lunar Eclipse.*
11	15	Sat	
12	16	Sun	
13	17	Mon	
14	18	Tues	
15	19	Wed	*Arbayeen.*
16	20	Thurs	
17	21	FRI	
18	22	Sat	
19	23	Sun	
20	24	Mon	
21	25	Tues	
22	26	Wed	*Last Wednesday.*
23	27	Thurs	
24	28	FRI	*Ugadi.* Matriculation Examination and Prac-
25	29	Sat	tical Examinations in Chemistry, Physics
26	30	Sun	Zoology and Botany for the Intermediate
27	31	Mon	B. Sc., and M. Sc., Candidates begin.
28	Apr.	Tues	
29	2	Wed	
30	3	Thurs	*Fateah Hazrat Imam Hasan.*
31	4	FRI	

KHURDAD 1350 F. — APRIL 1941.

Khd	Apr.	Days.	
1	5	Sat	Intermediate, B.A., B.Sc., B.A. M.Sc., LL.B. B.E., Diploma in Education and M.B.B.S. (2nd & 4th Professional Examinations begin).
2	6	Sun	*Sri Ram Navami.*
3	7	Mon	
4	8	Tues	
5	9	Wed	} *Dasera delancta-Sheraj*
6	10	Thurs	
7	11	FRI	
8	12	Sat	
9	13	Sun	
10	14	Mon	
11	15	Tues	
12	16	Wed	
13	17	Thurs	
14	18	FRI	
15	19	Sat	
16	20	Sun	
17	21	Mon	
18	22	Tues	
19	23	Wed	
20	24	Thurs	
21	25	FRI	
22	26	Sat	
23	27	Sun	
24	28	Mon	
25	29	Tues	
26	30	Wed	
27	May	Thurs	
28	2	FRI	
29	3	Sat	
30	4	Sun	*H. H. the late Nizam's Birthday.*
31	5	Mon	

TIR 1350 F.—MAY 1941.

Tir.	May	Days.	
1	6	Tues	
2	7	Wed	
3	8	Thurs.	
4	9	FRI	*Yazdahum Sharif.*
5	10	Sat	
6	11	Sun	
7	12	Mon	
8	13	Tues	
9	14	Wed	*Rendition of the Residency Area.*
10	15	Thurs	
11	16	FRI	
12	17	Sat	
13	18	Sun	
14	19	Mon	
15	20	Tues	
16	21	Wed	
17	22	Thurs	
18	23	FRI	
19	24	Sat	*Queen Victoria's Birthday, 1819.*
20	25	Sun	
21	26	Mon	
22	27	Tues	
23	28	Wed	
24	29	Thurs	
25	30	FRI	
26	31	Sat	
27	Jun.	Sun	
28	2	Mon	
29	3	Tues	
30	4	Wed	
31	5	Thurs	

AMARDAD 1350 F.—JUNE 1941.

Amr	Jun.	Days.
1	6	FRI
2	7	Sat
3	8	Sun
4	9	Mon
5	10	Tues
6	11	Wed
7	12	Thurs
8	13	FRI
9	14	Sat
10	15	Sun
11	16	Mon
12	17	Tues
13	18	Wed
14	19	Thurs
15	20	FRI
16	21	Sat
17	22	Sun
18	23	Mon
19	24	Tues
20	25	Wed
21	26	Thurs
22	27	FRI
23	28	Sat
24	29	Sun
25	30	Mon
26	July	Tues
27	2	Wed
28	3	Thurs
29	4	FRI
30	5	Sat
31	6	Sun

TIR 1350 F.—MAY 1941.

Tir.	May	Days.	
1	6	Tues	
2	7	Wed	
3	8	Thurs	
4	9	FRI	*Yazdahum Sharif.*
5	10	Sat	
6	11	Sun	
7	12	Mon	
8	13	Tues	
9	14	Wed	*Rendition of the Residency Area.*
10	15	Thurs	
11	16	FRI	
12	17	Sat	
13	18	Sun	
14	19	Mon	
15	20	Tues	
16	21	Wed	
17	22	Thurs	
18	23	FRI	
19	24	Sat	*Queen Victoria's Birthday, 1819.*
20	25	Sun	
21	26	Mon	
22	27	Tues	
23	28	Wed	
24	29	Thurs	
25	30	FRI	
26	31	Sat	
27	Jun.	Sun	
28	2	Mon	
29	3	Tues	
30	4	Wed	
31	5	Thurs	

MAY ... ...

Amr	Jun.	Days.
1	6	FRI
2	7	Sat
3	8	Sun
4	9	Mon
5	10	Tues
6	11	Wed
7	12	Thurs
8	13	FRI
9	14	Sat
10	15	Sun
11	16	Mon
12	17	Tues
13	18	Wed
14	19	Thurs
15	20	FRI
16	21	Sat
17	22	Sun
18	23	Mon
19	24	Tues
20	25	Wed
21	26	Thurs
22	27	FRI
23	28	Sat
24	29	Sun
25	30	Mon
26	July	Tues
27	2	Wed
28	3	Thurs
29	4	FRI
30	5	Sat
31	6	Sun

SHAHREWAR 1350 F.—JULY 1941.

Shr.	July	Days.	
1	7	Mon	
2	8	Tues	
3	9	Wed	
4	10	Thurs	
5	11	FRI	
6	12	Sat	
7	13	Sun	
8	14	Mon	
9	15	Tues	
10	16	Wed	
11	17	Thurs	
12	18	FRI	*Fateha Hazrat Abu Bakr Siddiq.*
13	19	Sat	
14	20	Sun	
15	21	Mon	
16	22	Tues	
17	23	Wed	
18	24	Thurs	
19	25	FRI	
20	26	Sat	*H. E. H. the Nizam's. Birthday*
21	27	Sun	
22	28	Mon	
23	29	Tues	
24	30	Wed	
25	31	Thurs	*Urus Hazrat Khaja Moinuddin Chishti.*
26	Aug	FRI	
27	2	Sat	
28	3	Sun	
29	4	Mon	
30	5	Tues	
31	6	Wed	

MEHAR 1350 F.—AUGUST 1941.

Meh	Aug	Days.	
1	7	Thurs	*Birth day of Hazrat Ali. Rakhi Poonam.*
2	8	FR	
3	9	Sat	
4	10	Sun	
5	11	Mon	} *Urus Kooh-Sharief.*
6	12	Tues	
7	13	Wed	
8	14	Thurs	*Janma Ashtami.*
9	15	FRI	
10	16	Sat	
11	17	Sun	
12	18	Mon	
13	19	Tues	
14	20	Wed	} *Shabi-Miraj.*
15	21	Thurs	
16	22	FRI	
17	23	Sat	*Independence day.*
18	24	Sun	
19	25	Mon	
20	26	Tues	*Ganesh Chitorthi.*
21	27	Wed	**Osmania University College opened 1328 F. 1919.**
22	28	Thurs	
23	29	FRI	
24	30	Sat	
25	31	Sun	
26	Sept	Mon	
27	2	Tues	
28	3	Wed	
29	4	Thurs	*Anant Chatoordashi.*
30	5	FRI	

ABAN 1350 F.—SEPTEMBER 1941.

Abn	Sep.	Days.	
1	6	Sat	Translation Bureau founded 18th Ziqada 1335 H. 1326 F.-1917. *Lunar Eclipse.*
2	7	Sun	*Shab-i-Barat.*
3	8	Mon	
4	9	Tues	
5	10	Wed	
6	11	Thurs	
7	12	FRI	
8	13	Sat	*Urus Hazrat Baba Sharfuddin.*
9	14	Sun	
10	15	Mon	
11	16	Tues	
12	17	Wed	
13	18	Thurs	
14	19	FRI	
15	20	Sat	
16	21	Sun	The Royal Charter of the Osmania University promulgated, 16th Zilhijja, 1336 H.-1327 F.-1918. *Sun Eclipse.*
17	22	Mon	
18	23	Tues	
19	24	Wed	
20	25	Thurs	
21	26	FRI	*Death of H.H. the Late Nizam.*
22	27	Sat	
23	28	Sun	
24	29	Mon	*H.E.H. the Nizam ascends the throne.*
25	30	Tues	*Dusehra.*
26	Oct.	Wed	
27	2	Thurs	
28	3	FRI	
29	4	Sat	
30	5	Sun	

Azr.	Oct.	Days.	
1	6	Mon	*Fasli New Year.*
2	7	Tue	Osmania University Established 1st Muharram 1337 H., 1928 F. 1918
3	8	Wed	
4	9	Thurs	
5	10	FRI	
6	11	Sat	
7	12	Sun	*Fateha Hazrat Ali*
8	13	Mon	
9	14	Tues	
10	15	Wed	
11	16	Thurs	
12	17	FRI	
13	18	Sat	
14	19	Sun	*Shabi Qadr (Four days' holidays)*
15	20	Mon	
16	21	Tues	*Dipavali (Two days' holidays)*
17	22	Wed	*I-du-l-Fitr (Four days' ,,)*
18	23	Thurs	
19	24	FRI	*Berar Agreement.*
20	25	Sat	
21	26	Sun	
22	27	Mon	The Degree of Sultan-ul-Ulum presented to H.E.H. the Nizam 1333 F.—1918.
23	28	Tues	
24	29	Wed	
25	30	Thurs	
26	31	FRI	
27	Nov	Sat	
28	2	Sun	
29	3	Mon	
30	4	Tues	

DAI 1351 F.—NOVEMBER 1941.

Dai.	Nov	Days.	
1	5	Wed	
2	6	Thurs	
3	7	FRI	
4	8	Sat	
5	9	Sun	
6	10	Mon	
7	11	Tues	Special Convocation to confer the honarary degree of LL. D. on General Walashan Prince Moazzam jah Bahadur,
8	12	Wed	*Princes' Marriage.* The Osmania University Regulations received the assent of H. E. H. 29th Safar 1339 H.—
9	1	Thurs	1330 F.—1920.
10	14	FRI	
11	15	Sat	
12	16	Sun	
13	17	Mon	
14	18	Tues	
15	19	Wed	
16	20	Thurs	
17	21	FRI	
18	22	Sat	
19	23	Sun	
20	24	Mon	
21	25	Tues	
22	26	Wed	
23	27	Thurs	
24	28	FRI	
25	29	Sat	
26	30	Sun	
27	Dec.	Mon	
28	2	Tues	
29	3	Wed	

BAHMAN 1351 F.—DECEMBER 1941.

Bah	Dec.	Days.	
1	4	Thurs	
2	5	FRI	*Birth day of Junior Prince.*
3	6	Sat	
4	7	Sun	
5	8	Mon	
6	9	Tues	
7	10	Wed	
8	11	Thurs	
9	12	FRI	
10	13	Sat	
11	14	Sun	
12	15	Mon	
13	16	Tues	
14	17	Wed	
15	18	Thurs	
16	19	FRI	
17	20	Sat	
18	21	Sun	
19	22	Mon	
20	23	Tues	
21	24	Wed	
22	25	Thurs	*Christmas.*
23	26	FRI	
24	27	Sat	
25	28	Sun	*Iduz Zoha, (Five days' Holidays)*
26	29	Mon	
27	30	Tues	
28	31	Wed	
29	Jan. 1942	Thurs	*New Year.*
30	2	FRI	

ISFANDAR 1351 F.—JANUARY 1942.

Isf.	Jan	Days.	
1	3	Sat	
2	4	Sun	
3	5	Mon	
4	6	Tues	*Fateha Hazrat Osman Ghani.*
5	7	Wed	
6	8	Thurs	
7	9	FRI	
8	10	Sat	
9	11	Sun	
10	12	Mon	
11	13	Tues	
12	14	Wed	*Til Sankarat.*
13	15	Thurs	
14	16	FRI	
15	17	Sat	
16	18	Sun	
17	19	Mon	} *Fateha Hazrat Omar Faruq.*
18	20	Tues	
19	21	Wed	*Basant Panchmi.*
20	22	Thurs	
21	23	FRI	
22	24	Sat	} *Moharrum.*
23	25	Sun	
24	26	Mon	
25	27	Tues	
26	28	Wed	
27	29	Thurs	
28	30	FRI	
29	31	Sat	
30	Feb.	Sun	

FARWARDI 1351 F.—FEBRUARY 1942.

Far.	Feb.	Days.	
1	2	Mon	
2	3	Tues	
3	4	Wed	
4	5	Thurs	
5	6	FRI	
6	7	Sat	
7	8	Sun	
8	9	Mon	
9	10	Tues	
10	11	Wed	
11	12	Thurs	
12	13	FRI	*Maha Shivratri.*
13	14	Sat	
14	15	Sun	
15	16	Mon	
16	17	Tues	
17	18	Wed	
18	19	Thurs	
19	20	FRI	
20	21	Sat	
21	22	Sun	
22	23	Mon	
23	24	Tues	
24	25	Wed	
25	26	Thurs	
26	27	FRI	
27	28	Sat	
28	Mar.	Sun	
29	2	Mon	*Holi and Dhulandi.*
30	3	Tues	*Lunar Eclipse.*
31	4	Wed	

ARDIBEHISHT 1351 F.—MARCH 1942.

Ard.	Mar.	Days.	
1	5	Thurs	
2	6	FRI	
3	7	Sat	
4	8	Sun	*Arbayeen.*
5	9	Mon	
6	10	Tues	
7	11	Wed	
8	12	Thurs	
9	13	FRI	
10	14	Sat	
11	15	Sun	
12	16	Mon	
13	17	Tues	*Ugadi.*
14	18	Wed	*Last Wednesday.*
15	19	Thurs	
16	20	FRI	
17	21	Sat	
18	22	Sun	
19	23	Mon	*Fateha Huzrat Imam Hasan Mujtaba.*
20	24	Tues	
21	25	Wed	
22	26	Thurs	*Sri Ram Navmi.*
23	27	FRI	
24	28	Sat	
25	29	Sun	⎫ *Dowaz-dahum-Sharif.*
26	30	Mon	⎭
27	31	Tues	
28	Apr.	Wed	
29	2	Thurs	
30	3	FRI	
31	4	Sat	

KHURDAD 1351 F.—APRIL 1942.

Khd	Apr.	Days.	
1	5	Sun	
2	6	Mon	
3	7	Tues	
4	8	Wed	
5	9	Thurs	
6	10	FRI	
7	11	Sat	
8	12	Sun	
9	13	Mon	
10	14	Tues	
11	15	Wed	
12	16	Thurs	
13	17	FRI	
14	18	Sat	
15	19	Sun	
16	20	Mon	
17	21	Tues	
18	22	Wed	
19	23	Thurs	*H. H. the late Nizam's Birthday.*
20	24	FRI	
21	25	Sat	
22	26	Sun	
23	27	Mon	
24	28	Tues	*Yazdahum Sharif.*
25	29	Wed	
26	30	Thurs	
27	May	FRI	
28	2	Sat	
29	3	Sun	
30	4	Mon	
31	5	Tues	

TIR 1351 F.—MAY 1942.

Tir.	May.	Days.	
1	6	Wed	
2	7	Thurs	
3	8	FRI	
4	9	Sat	
5	10	Sun	
6	11	Mon	
7	12	Tues	
8	13	Wed	
9	14	Thurs	*Rendition of the Residency Area.*
10	15	FRI	
11	16	Sat	
12	17	Sun	
13	18	Mon	
14	19	Tues	
15	20	Wed	
16	21	Thurs	
17	22	FRI	
18	23	Sat	
19	24	Sun	*Queen Victoria's Birthday, 1819.*
20	25	Mon	
21	26	Tues	
22	27	Wed	
23	28	Thurs	
24	29	FRI	
25	30	Sat	
26	31	Sun	
27	Jun.	Mon	
28	2	Tues	
29	3	Wed	
30	4	Thurs	
31	5	FRI	

AMARDAD 1351 F.—JUNE 1942.

Amr	Jun.	Days.
1	6	Sat
2	7	Sun
3	8	Mon
4	9	Tues
5	10	Wed
6	11	Thurs
7	12	FRI
8	13	Sat
9	14	Sun
10	15	Mon
11	16	Tues
12	17	Wed
13	18	Thurs
14	19	FRI
15	20	Sat
16	21	Sun
17	22	Mon
18	23	Tues
19	24	Wed
20	25	Thurs
21	26	FRI
22	27	Sat
23	28	Sun
24	29	Mon
25	30	Tues
26	July	Wed
27	2	Thurs
28	3	FRI
29	4	Sat
30	5	Sun
31	6	Mon

SHAHREWAR 1351 F.—JULY 1942.

Shr.	July	Days.	
1	7	Tues	*Fateha Hazrat Abu Bakr Siddiq.*
2	8	Wed	
3	9	Thurs	
4	10	FRI	
5	11	Sa	
6	12	Sun	
7	13	Mon	
8	14	Tues	
9	15	Wed	
10	16	Thurs	*H. E. H. the Nizam's. Birthday*
11	17	FRI	
12	18	Sat	
13	19	Sun	
14	20	Mon	
15	21	Tues	*Urus Hazrat Khaja Moinuddin Chishti.*
16	22	Wed	
17	23	Thurs	
18	24	FRI	
19	25	Sat	
20	26	Sun	
21	27	Mon	
22	28	Tues	*Viladath Amir Alaihis Salam*
23	29	Wed	
24	30	Thurs	
25	31	FRI	
26	Aug.	Sat	⎫ *Urus Kooh-Sharief.*
27	2	Sun	⎭
28	3	Mon	
29	4	Tues	
30	5	Wed	
31	6	Thurs	

MEHAR 1351 F.—AUGUST 1942

Meh	Aug	Days.	
1	7	FRI	
2	8	Sat	
3	9	Sun	
4	10	Mon	*Shab-i-Miraj.*
5	11	Tues	
6	12	Wed	
7	13	Thurs	*Independence day.*
8	14	FRI	
9	15	Sat	
10	16	Sun	
11	17	Mon	
12	18	Tues	
13	19	Wed	
14	20	Thurs	
15	21	FRI	
16	22	Sat	
17	23	Sun	
18	24	Mon	
19	25	Tues	
20	26	Wed	*Rakhi Poonam.*
21	27	Thurs	**Osmania University College opened 1328 F. 1919.**
22	28	FRI	*Shab-i-Barat.*
23	29	Sat	
24	30	Sun	
25	31	Mon	
26	Sept	Tues	
27	2	Wed	*Janma Ashtami. Urus Hazrat Baba*
28	3	Thurs	
29	4	FRI	
30	5	Sat	

ABAN 1351 F.—SEPTEMBER 1942.

Abn	Sep.	Days.	
1	6	Sun	Translation Bureau founded 18th Ziqada 1335 H. 1326 F.-1917.
2	7	Mon	
3	8	Tues	
4	9	Wed	
5	10	Thurs	
6	11	FRI	
.7	12	Sat	
8	13	Sun	
9	14	Mon	*Ganesh Chitorthi.*
10	15	Tues	
11	16	Wed	*Death of H.H. the Late Nizam.*
12	17	Thurs	
13	18	FRI	
14	19	Sat	*H.E.H. the Nizam ascends the throne.*
15	20	Sun	
16	21	Mon	The Royal Charter of the Osmania University promulgated, 16th Zilhijja, 1336 H. 1327 F.-1918.
17	22	Tues	
18	23	Wed	*Anant Chatoordashi.*
19	24	Thurs	
20	25	FRI	
21	26	Sat	
22	27	Sun	
23	28	Mon	
24	29	Tues	
25	30	Wed	
26	Oct.	Thurs	
27	2	FRI	*Fateha Hazrat Ali.*
28	3	Sat	
29	4	Sun	
30	5	Mon	

2. INTRODUCTION

THE Osmania University has come into existence in response to a wide-spread demand in the Dominions for a type of higher education calculated to satisfy the intellectual and cultural aspirations of the people and having its foundations deep in their national consciousness. For over half a century higher education in the State was controlled by the Madras University, but the connection proved so unfructuous that enlightened public opinion in the State became averse to its continuance and proposals were mooted from time to time either to affiliate educational institutions in the State to another University or better still to have an entirely self-contained system of higher education. These proposals continued to be discussed for a long time without taking a definite shape until the accession of the present ruler of the State, whose reign has been the starting-point of an era of unprecedented educational progress. Early in his reign an Educational Adviser was appointed to report on the improvements to be effected in the educational organization of the State and on his advice the whole system of Primary and Secondary education was overhauled, the number of schools was largely increased and all institutions were provided with better teachers and equipment. The question of higher education was then taken up and early in 1917 the Right Hon. Sir Akbar Hydari (Nawab Hydar Nawaz Jung Bahadur), then Secretary to His Exalted Highness' Government in Educational Department, submitted a memorandum to His Exalted Highness in which after surveying the existing educational conditions and discussing the disadvantages of imparting knowledge through the medium of a foreign language he recommended that considering the peculiar needs and conditions of the State:—

> "we require a new University free from the evils inherent in the present system and calculated to undo its deplorable effects. The University so founded shall be based on the fundamental principles of education, and shall take into consideration the peculiar needs of the people and their national characteristics. It shall preserve all that is best in the present and ancient systems of education. It should be both an examining and a teaching body and in addition to this undertake to compile and translate books, using the Urdu language

both for the imparting of knowledge and the training
of the intellect."

the course of this memorandum, Sir A. Hydari
out the defects inherent in the present system of educa-
)ugh the medium of a foreign language, such as the undue
warranted strain on the students' memory, the time
n mastering the intricacies of a foreign language at the
of the subject-matter taught, the stifling of originality
inability of the graduates to impart knowledge to their
ountrymen in their mother-tongue and the unbridgeable
is created between the educated classes and the mass of
eral public. He also referred to the two possible
as that might be urged against the selection of Urdu as
ium of instruction in the proposed University, firstly
e majority of the people spoke other languages and
-the absence of good books in Urdu. As to the first it
nted out that although it was true that those whose
tongue is Urdu are in a minority, yet Urdu is the cultural
:ial language of the State and of polite society, and is
r spoken by those classes from which students proceed-
college course are drawn. The Rt. Hon. Sir Akbar Hydari
second objection by stating that if a Bureau of com-
and translation were attached to the University, books
l for College Classes could be produced in a short time.
nion has proved to be well-founded as the Bureau of
tion has, during this short period, produced almost all the
:quired as text-books for the Intermediate and the B.A.
and is at present engaged in the translation of books on
:edicine, Engineering and those required for M.A. &
lasses. The capacity of Urdu as the vehicle for express-
ntific ideas is generally recognised. The well-known
a, Mr. Vincent A. Smith, bears testimony to this fact in
chapter of his *History of India*. While welcoming the
ation of the Osmania University, he says:—

he Urdu language which resembles English in simplicity
and flexibility of its syntax and in the extraordinary
wealth of its vocabulary drawn from Western Hindi,
Sanskrit, Persian, Arabic, English and other sources
should be capable of expressing ideas on any subject,
literary, philosophical and scientific."

: Exalted Highness, whose deep and abiding interest in
ancement of education is well known, was graciously
to approve of the proposal and has ever since shown the
interest in the progress of the movement, which but for

his princely generosity and sympathetic guidance could not have made any headway. The words of his gracious *Furman* dated the 4th Rajab 1335 H. Khurdad 1326 F.—April 1917) are well worth reproduction:—

"I am pleased to express my approval of the views set forth in the Arzdasht and the memorandum submitted therewith, regarding the inauguration of a University in the State, in which the knowledge and culture of ancient and modern times may be blended so harmoniously as to remove the defects created by the present system of education and full advantage may be taken of all that is best in the ancient and modern systems of physical, intellectual, and spiritual culture. In addition to its primary object of diffusing knowledge, it should aim at the moral training of the students and give an impetus to research in all scientific subjects. The fundamental principle in the working of the University should be that Urdu should form the medium of higher education but that a knowledge of English as a language should at the same time be deemed compulsory for all students. With this object in view I am pleased to order that steps be taken for the inauguration on the lines laid down in the Arzdasht. of a University for the Dominions, to be called the Osmania University of Hyderabad in commemoration of my accession to the throne."

In pursuance of the august commands of His Exalted Highness, the Educational Department proceeded at once with the preliminary spade-work necessary for the launching of this great project. Representative Committees were formed to consider courses of studies for the Faculties of Arts and Theology of the proposed University, and the draft curricula prepared by these Committees were circulated widely in educational circles in England and in India with the result that the promoters of the University had the satisfaction of seeing that their conclusions were more or less approved of by eminent educational authorities.

The main features of these curricula are that in the Matriculation, the students can have a good grounding in the subjects which they will study at College. In the Intermediate Examination, a greater latitude has been given in the selection of subjects than in other Indian Universities, whilst at the same time the subjects have been so grouped as to enable a student to take up more or less cognate and allied subjects. This division of

ects into distinctive groups makes intensive study poss
.he B.A. Classes since besides English and Theology
als which are compulsory, a student can take up only
icular subject in which he can specialise and later carr;
arch work. It may also be noted that Theology or Mc
)mpulsory for all under-graduates in the Faculties of .
Science.

The standard of compulsory English is nearly the sam
ther Universities, which enables the *alumni* of the Osm
versity to keep in touch with the currents of thought in
:lish-speaking world and prevents them from being conf
1e publications of the University. They are also encoura
.he staff to consult English books on various subjects 1
:h questions are set to them to criticise and to explain. 1
is taught only as a language, so that the students may be
)eak and write it with ease and accuracy and to appreciat
. is best in modern English Literature.

The first constructive work of the University was the e;
ment of a Bureau of Translation with a staff of ￼
lified translators under the direction of a noted scholar
:er. The Bureau has been very successful in its work c
ng the immense difficulties in the way, specially in the coi
:cientific terms for which expert committees are consta
7ork and have devised a terminology for a number of scie
work attempted by the Bureau embraces the whole ran;
versity studies including History (Eastern and West(
losophy, Economics, Sociology, Mathematics (pure
lied), Physics, Chemistry, Law, Botany, Zoology and Geo
:ineering, Pedagogics and Medicine. The books translate
Bureau are printed at the University Press attached t(
·eau. The Dairat-ul-Maarif (Oriental Publication Bur
ch publishes rare Arabic books not available in print ha
tly been placed under the control of the University.
·ices rendered by this institution to the cause of Arabic l(
have been universally recognised not only in Islamic coun
also by European Orientalists.

Under the Charter, the constitution of the University, v
been framed to suit local conditions of official and p
, differs in some respects from that of the older Indian Un
es. Academic and administrative functions are veste
:inct bodies specially constituted for these purposes.
; object the Faculties have been so constituted as to per
demic functions, which in many Indian Universities are
med by the Syndicate. The number of Fellows appo
the Faculties is restricted, so that all members of the S(

do not necessarily belong to one or other of the Faculties, which consist mainly of the professorial staff who have a preponderating voice in academic matters. The Syndicate is on the other hand a business and not an academic Committee of the Senate. The Executive Government of the University including the general supervision and control over the colleges is vested in the Council, which is the highest governing body of the University and practically performs most of the functions of Government in British Indian Universities.

The Osmania University College was opened in August 1919. The enrolment in the various classes has been most encouraging and the College has now 1314 students on its rolls. The first Intermediate Examination was held in April 1921, and the first B. A. Examination in 1923. As there is more than one paper in every subject it has been found possible to have external examiners in all subjects, who are generally professors in other Universities. They have expressed satisfaction with the standard reached by the students. It may be noted that the University does not experience any difficulty in securing the services of highly qualified examiners from other Universities, as Urdu is a language widely known in every part of India specially in the North.

A staff of three Professors and ten Assistant Professors was originally sanctioned to meet the requirements of an Intermediate College, but in view of the opening of the B.A. and B.Sc. and subsequently the M.A., M.Sc., Ph.D. and LL.B. classes, a number of new appointments has been made and the sanctioned teaching staff of the Osmania University College now consists of the following:—

2 Senior Professors	..	Rs.	1000-50-1200
15 Professors	..	,,	500-50-1000
1 Professor	..	,,	500-30- 800-40-1000
3 Pofessors	..	,,	600-40- 800
20 Readers	..	,,	350-25- 600
7 ,,	..	,,	350-15- 500-20- 600
4 Lecturers	..	,,	400-25- 500
32 Lecturers	..	,,	250-15- 400
1 Librarian	..	,,	250-15- 400
1 Senior Medical Officer (part time)	..	,,	(Allowance) 100
1 Junior Medical Officer	..	,,	200+50
10 Junior Lecturers	..	,,	150-10- 200
2 Do	..	,,	150
8 Part-time Lecturers	,,		

The sanctioned teaching staff of the Constituent and Intermediate colleges, which were opened later on, consists of the following :—

Engineering College :—

Principal	..	Rs.	1500
3 Professors	..	,,	700-100|3-12u0
1 Professor	..	,,	500-30-800|-40-1000
4 Readers	..	,,	350-25 600
1 Reader	..	,,	300-25- 500
2 Lecturers (overseer classes)	,,		325-25|2-400—
			450-25|2-500
5 Part-time Lecturers			

Medical College :—

Principal	..	Rs.	1200-50-1500
3 Professors	..	,,	600-50-1200
1 Professor	..	,,	600-40-1200
1 Do	..	,,	500-30-800-40-1000
4 Readers	..	,,	350-25- 600
4 Lecturers	..	,,	250-15- 400
1 Chemist	..	,,	250-15- 400
9 Part-time Lecturers	..		

Training College :—

2 Readers	..	,,	350-25- 600
1 Reader	..	,,	350-15-500-20-600
7 Part-time Lecturers	..		

Women's College :—

Principal	..	,,	500-30-800-40-1000
	Rs. 150-50-250 Duty allowanc		
2 Readers	..	Rs.	350-25- 600
10 Lecturers	..	,,	250-15- 400
4 Junior Lecturers	..	,,	150-10- 200
23 Part-time Lecturers	..		

City Intermediate College :—

1 Reader	..	,,	350-25- 600
7 Lecturers	..	,,	250-15- 400
4 Part-time Lecturers	..		

Aurangabad Intermediate College:—

9 Lecturers	..	.,	250-15- 400
1 Junior Lecturer	..	''	150
3 Part-time Lecturers	..		

Warangal Intermediate College:—

1 Reader	..	,,	350-25- 600
4 Lecturers	..	..	250-15- 400
1 Junior Lecturer	..	.,	150-10- 200
6 Part-time Lecturers	..		

Gulbarga Intermediate College:—

5 Lecturers	..	,,	250-15- 400
1 Junior Lecturer	..	..	150
9 Part-time Lecturers	..		

New buildings of the University are being constructed at Adikmet at about four miles from the city at an estimated cost of about 2.22 crores of rupees. As these buildings will take some time to be built, temporary buildings have been constructed at a cost of nearly ten lacs of rupees which are quite adequate for the present requirements of the University. The permanent Arts building which cost nearly 30 lacs of rupees is completed, and two commodious double-storied hostels are also ready.

The permanent Science buildings which will cost nearly 30 lacs of rupees are nearing completion.

The University is at present imparting instruction in the Faculties of Arts, Theology, Science, Medicine, Engineering, Law and Education and the total number of students is 2536.

The University is of the unitary type. There are four institutions at Hyderabad, Aurangabad, Warangal and Gulbarga which are allowed to prepare and present candidates for the Intermediate Examination of the University besides the Women's College which has Intermediate, B.A., B.Sc., M.A., M.Sc., and Dip.-in-Ed. classes. A College of Medicine was opened in July 1927, and an Engineering College and a College for the training of teachers in 1929.

The budget provision for the various Departments of th University for the year 1351 Fasli—(October 1941 to Octobe 1942) is as follows:—

		Rs.
1. University Office	.. ..	1,91,476
2. University College	.. ..	8,48,745
3. Medical College	.. ..	2,26,931
4. Engineering College	.. ..	2,03,667
5. Training College	.. ..	36,964
6. College for Women	.. ..	1,26,931
7. City Intermediate College	.. ..	69,413
8. Aurangabad Intermediate College	..	58,906
9. Warangal Intermediate College	..	36,402
10. Gulbarga Intermediate College	..	41,492
11. Translation Bureau	.. ..	1,56,705
12. University Press	.. ..	1,19,914
13. Nizamiah Observatory	.. ..	45,259
	Total O.S. Rs. ..	21,62,006

Note.—British Rs. 100 are equal to O.S. Rs. 116-10-8.

There is no Provident Fund as all the posts are pensionabl from General Revenues. All servants of the University are er titled after 25 years' continuous and approved service to full per sion which is one-half of the average monthly salary for the la three years of service.

3. THE OSMANIA UNIVERSITY

Patron

HIS EXALTED HIGHNESS
GENERAL, SIPAH SALAR, ASIF JAH,
MUZAFFAR-UL-MULK WAL MAMALIK,
NIZAM-UL-MULK, NIZAM-UD-DAULAH,
NAWAB SIR MIR OSMAN ALI KHAN BAHADUR,
FATEH JUNG,
FAITHFUL ALLY OF THE BRITISH GOVERNMENT,
G.C.S.I., G.B.E., NIZAM OF HYDERABAD AND BERAR,
SULTAN-UL-ULOOM.

Chancellor

(*Ex-officio*)

H. E. COL. NAWAB SIR MUHAMMAD AHMAD SAID KHAN BAHADUR,
K.C.S.I., K.C.I.E., M.B.E., LL.D.

Vice-Chancellor

(*Ex-officio*)

THE HON'BLE NAWAB MAHDI YAR JUNG BAHADUR,
M.A. (Oxon.).

Pro-Vice-Chancellor

PROF. QAZI MOHAMAD HUSAIN, M.A. (Punjab), B.A., LL.B.
(Cantab).

Registrar

DR. SYED HUSAIN, M.Sc. (Alig.), Ph.D. (London).

University Council

Ex-officio Members

The Chancellor.
The Vice-Chancellor.
The Pro-Vice-Chancellor.

The Ecclesiastical Member, Executive Council, the Hon'ble
Mr. Syed Abdul Aziz.

The Finance Member, Executive Council, the Hon'ble Mi
Ghulam Mohammed, C.I.E.

The Secretary, Education Department (Mr. M. Azhar Hasai
B.A.).

The Director of Public Instruction, Mr. Syed Mohamad Husai
Jafari, B.A. (Oxon.).

The Principal, Medical College, Dr. Brij Mohan Lal, B.A
(Madras), M.B.,B.S. (Bombay), M.Sc. (London).

The Principal, Engineering College, Mr. Hasan Latif, C.F
(King's College, London).

The Principal, Women's College, Ruqayya Begam Sahibɛ
B.A. Hons. (Cantab.).

Members appointed by Government

The Hon'ble Raja Dharam Karan Bahadur, H.C.S., P.v
Member, Executive Council.

The Hon'ble Mr. W. V. Grigson, Revenue Member, Executiv
Council.

Nawab Mirza Yar Jung Bahadur, B.A., LL.B., Presiden
Judicial Committee.

Nawab Jivan Yar Jung Bahadur, B.A. (Cantab.), Bar-a
Law, Chief Justice.

Dr. H. Hyder Ali Khan, L.M. & S., F.R.C.S.E. (Edin.), Dire
tor, Medical and Public Health Departments.

The Senate (1352 F.)

Class A. Ex-officio Members

1. Members of the University Council.

1. The Chancellor.
2. The Vice-Chancellor.
3. The Pro-Vice-Chancellor.
4. The Ecclesiastical Member, Executive Council.
5. The Finance Member, Executive Council.
6. The Secretary, Education Department.
7. The Director of Public Instruction.
8. The Principal, Medical College.
9. The Principal, Engineering College.

10. The Principal, Women's College.
11. The Hon'ble Raja Dharam Karan Bahadur, II.C.S., P.W. Member, Executive Council.
12. The Hon'ble Mr. W. V. Grigson, Member, Executive Council.
13. Nawab Mirza Yar Jung Bahadur, B.A., LL.B., President, Judicial Committee.
14. Nawab Jivan Yar Jung Bahadur, M.A. (Cantab.), Bar-at-Law, Chief Justice.
15. Dr. H. Hyder Ali Khan, L.M. & S., F.R.C.S.E., (Edin.) Director, Medical & Public Health Departments.

2. University Professors.

17. Prof. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
18. Prof. Hosain Ali Khan, B.A. (Oxon.), Bar.-at-Law.
19. Prof. Haroon Khan Sherwani, M.A. (Oxon.), Bar.-at-Law.
20. Prof. Kishen Chand, M.A. (Cantab.).
21. Prof. Hosain Ali Mirza, Bar.-at-Law.
22. Dr. Mohd. Nizamuddin, Ph.D. (Cantab.).
23. Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelburg).
24. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.).
25. Prof. Wahidur Rahman, B.Sc. (Calcutta).
26. Dr. Muzaffaruddin Qureshi, M.Sc. (Punjab), Ph.D. (Berlin).
27. Prof. M. Sayeeduddin, B.Sc. (Bombay), M.A. (Edin.).
28. Dr. B. K. Das, D.Sc. (London).
29. Dr. Raziuddin Siddiqi, B.A. (Osmania), M.A. (Cantab.), Ph. D. (Leipzig), D.Sc., (Osmania).
30. Maulvi Manazir Ahsan Sahib Gilani.
31. Prof. R. Subha Rao.
32. Prof. Mahmood Ahmad Khan, B.Sc. (Allahabad).
33. Prof. K. C. Rai Saksena, M.A. (Allahabad).
34. Dr. Syed Sajjad.
35. Dr. Syed Mohiuddin Qadri Zore, M.A. (Osmania), Ph.D. (Leipzig).
36. Prof. T. Virabhadrudu, M.A., L.T. (Madras).

S. W. Hardikar, M.D., M.R.C.P. (Edin.).

Syed Abdur Rahman, M.B., Ch.B. (Edin.), D.T.M.&
Edin.).

Mir Ali Husain, M.B.,B.S. (Bom.), Ph.D. (Durham

Mufti Shah Nawaz, M.B.,B.S. (Punjab), M.R.C
Edin.).

S. P. Raju, B.A. (Madras), B.E. (Poona), A.M.I.
India), Dr. Ing. (Munich).

f. Ziauddin Ansari, M.A. (Osmania), B.Sc. Ho
Manchester).

f. P. K. Ghosh, B.Sc. (Calcutta), M.A. (Cantab
*.R.G.S. (London).

ιss *B. Elected by the Senate from the Faculties.*

Hamidullah, M.A, LL.B., Ph.D. (Bonn.), D.L
Paris).

Anwar Iqbal Quraishi, M.A., M.Sc. (London), Ph
Dublin).

?lass C. Elected by the Senate from the list of
Registered Graduates.

Habibur Rahman, M.A., LL.B. (Alig.), B.Sc. Ho
London).

Mohamad Mir Khan, B.A., LL.B., M.Sc. (Londo
I.C.S.

Class D. Nominated by Government.

wab Sir Amin Jung Bahadur, M.A. (Cantab.), E
Madras), LL.D., F.R.A.S., K.C.I.E., C.S.I.

wab Dr. Nazir Yar Jung Bahadur, M.A. (Cantal
LL.D., Bar.-at-Law.

Ghulam Yazdani, M.A., F.R.A.S.B., O.B.E.

Syed Mohamad Azam, M.A. (Cantab.), B.Sc. Hc
(London) F.C.S., E.E.

wab Samad Yar Jung Bahadur, B.A., Secretary,
ence Committee.

wab Asghar Yar Jung Bahadur, B.A. (Oxon.), Bar
Law.

54. Raja Bahadur Rai Bisheshwarnath, B.A., LL.B., Member Judicial Committee.
55. Nawab Kazim Yar Jung Bahadur, B.A., Minister-in-Waiting to H.E.H.
56. Nawab Zain Yar Jung Bahadur, C.E., Chief Architect.
57. Mr. K. M. Ansari, I.C.S., Secretary, Political Department.
58. Mr. T. P. Bhaskaran, M.A., F.R.A.S. Director, Nizamiah Observatory.
59. Nawab Ali Yawar Jung Bahadur, B.A. (Oxon.), Secretary Constitutional Affairs Department.
60. Nawab Askar Yar Jung Bahadur, M.A. (Oxon.), Bar-at-Law, Legal Advisor.
61. Nawab Kamal Yar Jung Bahadur.
62. Lieut. Col. E. W. Slaughter, M.I.Mech.E, F.R.C.A., M.B.E.
63. Khan Bahadur Ahmad Alladin, O.B.E.
64. Dewan Bahadur S. Aravamudu Aiyangar, B.A., B.L. (Madras), M.B.E.
65. Mr. Ghulam Ahmad Khan.
66. Mufti Abdul Qadeer Sahib Badayuni.
67. Mr. Syed Zulfiqar Ali Haqqani, B.A., B.T.
68. Mr. Syed Ali Akbar, M.A. (Cantab.), Secretary, Secondary Board of Education.
69. Dr. Syed Husain, M.Sc. (Alig.), Ph.D. (London).

THE SYNDICATE.

For 1352 *and* 1353

1. Prof. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
2. Prof. Hosain Ali Khan, B.A. (Oxon.), Bar.-at-Law.
3. Mr. Hasan Latif, C.E. (King's College, London).
4. Dr. Brij Mohan Lal, B.A. (Madras), M.B.B.S. (Bombay), M.Sc. (London).
5. Mr. Syed Mohamad Azam, M.A. (Cantab.), B.Sc. Hons. (London), F.C.S., E.E.
6. Vacant.
7. Vacant.

FACULTY OF THEOLOGY.

(*For* 1352 *and* 1353)

1. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.).
2. Moulvi Manazir Ahsan Sahib Gilani.
3. Dr. Zahiruddin Ahmad, M.A., L.T., D.Litt. (Cairo.).
4. Moulvi Abdul Bari Sahib Nadvi.
5. Dr. Hameedullah, M.A., LL.B. (Osm.), Ph.D. (Bonn.), D.Litt. (Paris).
6. Prof. Haroon Khan Sherwani, M.A. (Oxon.), Bar-at-Law.
7. Mr. Abdul Qadir Siddiqi, M.A. (Osm.).
8. Dr. M. Nizamuddin, Ph.D. (Cantab.).
9. Moulvi Osman Jafari Sahib.
10. Dr. Mir Waliuddin, M.A. (Alig.), Ph.D. (Lond.), Bar-at-Law.
11. Nawab Dr. Nazir Yar Jung Bahadur, M.A. (Cantab.), LL.D., Bar-at-Law.
12. Mr. Mohamad Elias Burny, M.A., LL.B. (Alig.).
13. Mr. Aliyuddin Ahmed.
14. Moulvi Abdul Qadeer Siddiqi Sahib.
15. Moulvi Syed Hashim Nadvi Sahib.
16. Mr. Syed Mohiuddin, B.A., Bar-at-Law.

FACULTY OF ARTS.

(*For* 1352 *and* 1353)

1. Prof. Qazi Mohd. Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
2. Prof. Hosain Ali Khan, B.A. (Oxon.), Bar-at-Law.
3. Mr. Syed Mohamad Azam, M.A. (Cantab.), B.Sc. Hons. (London), F.C.S., E.E.
4. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.).
5. Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelburg).
6. Prof. Haroon Khan Sherwani, M.A. (Oxon.), Bar-at-Law.
7. Mr. R. Subba Rao.
8. Dr. M. Nizamuddin, Ph.D. (Cantab.).
9. Dr. Syed Mohiuddin Qadri Zore, M.A., D.Phil.
10. Dr. Anwar Iqbal Quraishi, M.A. (Punjab), M.Sc. (London), Ph.D. (Dublin).
11. Begum Zain Yar Jung Bahadur, Ruqayya Begum Sahiba, B.A. Hons. (Cantab).
12. Dr. A. Sharma ,M.A. D.Phil.
13. Mr. Syed Ali Akbar M.A. (Cantab.).
14. Mr. Ghulam Yazdani, M.A., F.R.A.S.B., O.B.E.

15. Prof. Qadir Husain Khan, M.A., Bar-at-Law.
16. Mr. Mohamad Elias Burny, M.A., LL.B. (Alig.).

FACULTY OF SCIENCE.

(*For* 1352 *and* 1353)

1. Prof. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
2. Dr. Muzaffaruddin Qureshi, M.Sc. (Punj.), Ph.D. (Berlin).
3. Dr. H. Hyder Ali Khan, L.M. & S., F.R.C.S.E. (Edin.).
4. Mr. Syed Mohamad Azam, M.A. (Cantab.), B.Sc. Hons. (London), F.C.S., E.E.
5. Dr. Syed Husain, M.Sc. (Alig.), Ph.D. (London).
6. Prof. Wahidur Rahman, B.Sc. (Calcutta).
7. Prof. Kishen Chand, M.A. (Cantab.).
8. Prof. Sayeeduddin, B.Sc. (Bombay), M.A. (Edin.).
9. Mr. Hasan Lateef, C.E. (King's College, London).
10. Dr. Brij Mohan Lal, B.A., M.B.B.S., M.Sc.
11. Mr. Kali Das Sahani.
12. Prof. Syed Mohammad Ali Khan, B.Sc. Hons. (London), A.R.C.S.
13. Dr. Kazi Moinuddin, M.Sc., Ph.D. (London).
14. Dr. Khwaja Habib Hasan, M.Sc. (Leeds), Ph.D. (Manchester), F.C.S.
15. Dr. B. K. Das, D.Sc. (London).
16. Dr. Raziuddin Siddiqi, B.A. (Osmania), M.A. (Cantab.), Ph.D. (Leipzig), D.Sc. (Osm.).

FACULTY OF LAW.

(*For* 1352 *and* 1353)

1. Prof. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
2. Prof. Husain Ali Mirza, Bar.-at-Law.
3. Prof. Hosain Ali Khan, B.A. (Oxon.), Bar.-at-Law.
4. Prof. Haroon Khan Sherwani, M.A. (Oxon.), Bar.-at-Law.
5. Mr. Akbar Ali Musavi, B.A. Hons. (Bom.), LL.B. (Alig.).
6. Dr. Hameedullah, M.A., LL.B. (Osmania), Ph.D. (Bonn.), D.Litt. (Paris).
7. Dr. Mir Valiuddin, M.A. (Aligarh), Ph.D. (London), Bar.-at-Law
8. Mr. Kaleemuddin Ansari, B.A., LL.B. (Osmania).
9. Dr. Khalifa Abdul Hakeem, M.A., LL.B. (Punjab), Ph.D. (Heidelburg).

ulvi Manazir Hasan Gilani.

wan Bahadur S. Arvamudu Aingar, B.A., B.L. (Madras), M.B.E.

wab Jivan Yar Jung Bahadur, M.A. (Cantab.), Bar-at-Law.

wab Dr. Nazir Yar Jung Bahadur, M.A. (Cantab.), LL.D., Bar.-at-Law.

. Mir Siyadat Ali Khan, M.A., LL.B., D.Phil. (Oxon.), B.C.L., Bar.-at-Law., Moulvi Fazil.

wab Akbar Yar Jung Bahadur, Advocate.

ja Bahadur Rai Bisheshwernath, B.A., LL.B.

FACULTY OF MEDICINE.

(*For* 1352 *and* 1353)

. Brij Mohan Lal, B.A. (Madras), M.B.B.S. (Bombay), M.Sc. (London).

. S. W. Hardikar, M.D., M.R.C.P. (Edin.).

. Syed Abdur Rahman, M.B., Ch.B., D.T.M. & H. (Edin.).

. Ali Husain, M.B.B.S. (Bombay), Ph.D. (Durham).

. Khurshid Husain, M.B.B.S. (Bombay), M.B., Ch.B. (Edin.).

. Bankat Chandra, M.B.B.S. (Bombay), M.R.C.P. (London), M.R.C.S. (England).

. V. G. Borgaonkar, M.B.B.S. (Bombay), M.R.C.S. (England), L.R.C.P. (London), L.M. (Dublin).

. Syed Abdur Rahim, B.A., M.B.B.S. (Bombay), D.O. (London).

. Siddiq Husain, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.), D.T.M. & H. (Lond.), D.O.M.S. (London).

r. M. Bahadur Khan, M.B.B.S. (Leeds), M.Sc. (Leeds), F.R.C.S. (London).

t. Col. K. N. Waghray, M.B.B.S. (Alld.), M.R.C.P. (England).

ol. J. C. Pyper, O.B.E., M.B., Ch.B. (Glasg.), D.T.M. & H. (Lond.), I.M.S.

r. Mufti Shah Nawaz, M.B.B.S. (Punjab), M.R.C.S. (Edin).

r. Abdul Latif Sayeed, M.B., Ch.B. (Edin.).

r. Haji Hyder Ali Khan, L.M. & S. (Bom.), F.R.C.S.E. (Edin.).

r. Syed Abdul Jabbar, M.B.B.S. (Bombay), D.M.R.E. (Cambridge).

FACULTY OF ENGINEERING.

For 1352 *and* 1353

1. Mr. Hasan Latif, C.E. (King's College, London).
2. Dr. Raziuddin Siddiqi, B.A. (Osmania), M.A. (Cantab.), Ph.D. (Leipzig.), D.Sc. (Osmania).
3. Dr. S. P. Raju, B.A. (Madras), B.E. (Poona), A.M.I.E. (Ind.), Dr. Ing. (Munich).
4. Prof. P. K. Ghosh, B.Sc. (Cal.), M.A. (Cantab.), F.R.C.S. (London).
5. Prof. Ziauddin Ansari, M.A. (Osm.), B.Sc. Hons. (Manch.).
6. Dr. Muzaffaruddin Qureshi, M.Sc. (Punj.), Ph.D. (Berlin).
7. Prof. Wahidur Rahman, B.Sc. (Cal.).
8. Mr. Syed Ali Raza, B.A., B.Sc. Hons. (Manch.), A.M.I.C.E. (London), M.I.E. (India).
9. Mr. Syed Abid Ali, B.Sc. (Madras), B.Sc. Hon. (London).
10. Nawab Zain Yar Jung Bahadur, C.E.
11. Mr. Ahmed Mirza, C.E. (King's College, London).
12. Mr. E. Wilkinson, B.Sc. (Eng.), (London).
13. Mr. Samiullah Shah, B.Sc. (Alld.), B.Sc. Hons. (Manch.), M.I.E.(Ind.), M.Inst.C.E. (London.).
14. Mr. Syed Muhamad Yunus, B.Sc. (Manch.).
15. Mr. Hafizullah, B.Sc. (Alig.), B.Sc Eng'g. (Rangoon).
16. Mr. Abdus Samad Sowdagar, B.E. (Poona), A.M.I.E. (Ind.), M.R.San.T

FACULTY OF EDUCATION.

For 1352 *and* 1353

1. Mr. Sajjad Mirza, M.A. (Cantab.), C.T. (London).
2. Mr. Syed Mohd. Azam, M.A. (Canab.), B.Sc. Hons. (London.), F.C.S. & E.E.
3. Prof. Hosain Ali Khan, B.A. (Oxon.), Bar-at-Law.
4. Dr. D. D. Shenderkar, B.A. Hons. (Bom.), B.T. (Dacca), T.D., Ph.D. (London).
5. Mr. Syed Mohd. Husain Jafari, B.A. (Oxon.).
6. Mr. Khaja Muhiuddin, M. A.
7. Mr. Mir Ahmad Ali Khan, M.A. (Delhi), M.Ed. (Leeds.), Bar.-at-Law.
8. Zuhra Begam, B.A., M.Ed. (Leeds).
9. Mr. Ghulam Qadir, B.A. (Osmania).
10. Mr. Malik Sardar Ali, B.A. (Punj.), B.T. (Dacca).
11. Mr. Khaja Yusufuddin, M.A., LL.B. (Alig.), T.D. (Leeds).

12. Mr. Syed Ali Akbar, M.A. (Cantab.).
13. Mr. Ghulam Rabbani, B.A., B.T.
14. Mr. Salim Bin Sayeed, B.A. Hons. (Bom.), B.T. (Alig.), Dip. Ed., M. Ed. (Leeds).
15. Abdul Sattar Subhani, B.A., B.T
16. Mr. Md. Faizuddin, M.A. (Cantab.), Bar-at-Law.

BOARDS OF STUDIES.
(For 1351 *and* 1352)
(A. Faculty of Arts.)

1. *English.*

1. Prof. Hosain Ali Khan, B.A. (Oxon.), Bar.-at-Law.
2. Prof. F. J. A. Harding, B.A. Hons., D.E. (Oxon.).
3. Mr. Syed Mohd. Azam, M.A. (Cantab.), B.Sc. Hons. (London), F.C.S., E.E.
4. Prof. T. Virabhadrudu, M.A., L.T. (Madras).
5. Mr. M. S. Doraiswamy, M.A., L.T. (Madras), B.A. Hons. (Oxon.).
6. Mr. V. S. Krishnan, B.A. Hons. (Mad.), B.A. Hons. (Oxon.).

2. *Arabic.*

1. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.).
2. Dr. M. Nizamuddin, Ph.D. (Cantab.).
3. Moulvi Munazir Ahsan Gilani Sahib.
4. Dr. Zahid Ali, D.Phil (Oxon.).
5. Moulvi Abdullah Emadi Sahib.
6. Moulvi Syed Ibrahim Sahib.

3. *Sanskrit.*

1. Dr. Aryendra Sharma, M.A. (Alld.), D.Phil. (Munich).
2. Pandit Lukshmi Kant Shastri.
3. Mr A. Sita Ram Rao, M.A.
4. Mr. Abdus Sattar Subhani, B.A., L.T.
5. Mr. C. N. Joshi, M.A.
6. Mr. Vansidhar Shastri.

4. *Persian.*

1. Dr. M. Nizamuddin, Ph.D. (Cantab.),
2. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.).
3. Moulvi Abdul Hamid Khan Sahib, M.A.
4. Moulvi Abdullah Emadi Sahib.
5. Dr. Qari Syed Kalimullah Husaini, M.A., LL.B. (Osmania), Ph.D. (London).
6. Mr. Ghulam Dastagir Rasheed, M.A. (Osmania).

5. *Urdu.*

1. Dr. Syed Mohiuddin Qadri Zore, M.A. (Osmania), Ph.D. (Lond.).
2. Dr. M. Nizamuddin, Ph.D. (Cantab.).
3. Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelberg).
4. Dr. Syed Sajjad, M.A. (Alld.), Ph.D. (London).
5. Dr. Aryendra Sharma, M.A. (Alld.), D.Phil. (Munich).
6. Mr. Abdul Qadir Sarwari, M.A., LL.B. (Osmania).

6. *Marathi.*

1. Mr. R. M. Bhusari, M A. (Cal.), M.A. (Nagpur).
2. Mr. Narayan Rao Nandapurkar, M.A. (Bom.).
3. Mr. C. N. Joshi, M.A. (Bom.).
4. Dr. D. D. Shenderker, B.A. Hons. (Bom.), B.T. (Dacca), T.D., Ph.D. (London).
5. Mr. K. R. Bidarkar, M.A.
6. Mr. R. A. Kshirsagar, B.A.

7. *Telugu.*

1. Mr. R. Subba Rao.
2. Mr. Sooriya Prakash Rao.
3. Mr. Sita Ramayya, M.A. (Madras).
4. N. V. Shastri, M.A.
5. Mr. Handla Sita Ram Rao, M.Sc.
6. Pandit Lakshmi Kant Shastri.

8. *Kannada.*

1. Mr. D. K. Bhimasena Rao, M.A.
2. Mr. A. Sitaram Rao, M.A.
3. Mr. H. V. Krishnaswamy.
4. Mr. G. A. Chandarvarkar, M.A.
5. Mr. T. R. Ram Rao, B.A.
6. Mr. Baqar Mohiuddin Mehkri, B.A., B.Com.

9. *History.*

1. Prof. Haroon Khan Sherwani, M.A. (Oxon.), Bar.-at-Law.
2. Mr. Ghulam Yazdani, M.A., F.R.A.S.B., O.B.E.
3. Mr. Muhammad Jamilur Rahman, M.A. (Punjab).
4. Dr. Ishwarnath Topa, Ph.D. (Freiberg).
5. Dr. Yusuf Husain Khan, D.Litt. (Paris).
6. Mr. Abdul Majeed Siddiqi, M.A. (Osmania).

10. *Economics and Sociology.*

1. Dr. Anwar Iqbal Quraishi, M.A. (Punjab), M.Sc. (Lond.), Ph.D. (Dublin).
2. Dr. Jafar Hasan, Ph.D. (Heidelberg).
3. Mr. Qadir Husain Khan, M.A., Bar.-at-Law.
4. Mr. Mohd. Elias Burny, M.A., LL.B. (Alig.).
5. Mr. Habibur Rahman, M.A., LL.B. (Alig.), B.Sc. Hons. (London).
6. Mr. Abdul Qadir, B.A. Hons. (Madras), B.Sc. Hons. (London)
7. Mr. Syed Fazlullah.

11. *Philosophy.*

1. Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelberg).
2. Nawab Sir Amin Jung Bahadur, M.A., B.L. (Madras), L.L.D., F.R.A.S., K.C.I.E., C.S.I.
3. Moulvi Abdul Bari Sahib Nadvi.
4. Dr. Mir Valiuddin, M.A. (Alig.), Ph.D. (London).
5. Mr. M. Salahuddin, M.A. (Dacca).

12. *Mathematics.*

1. Prof. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
2. Mr. T. P. Bhaskaran, M.A., F.R.A.S.
3. Prof. Kishen Chand, M.A. (Cantab.).
4. Mr. Syed Mohamad Azam, M.A. (Cantab.), B.Sc. Hons. (London), F.C.S., E.E.
5. Dr. Raziuddin Siddiqui, M.A., (Cantab), Ph.D. (Leipzig), D.Sc. (Osm.).
6. Mr. V. N. Patwari, M.A. (Osmania).

Compulsory Theology.

1. Nawab Dr. Nazir Yar Jung Bahadur, M.A. (Cantab.), LL.D., Bar.-at-Law.
2. Moulvi Manazir Ahsan Sahib Gilani.
3. Dr. Abdul Haq, B.Litt., D.Phil. (Oxon.).
4. Mr. Mohd. Elias Burny, M.A., LL.B. (Alig.).
5. Moulvi Abdul Bari Sahib.
6. Moulvi Osman Jafari Sahib.

Morals.

1. Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelberg).

2. Mr. Yusuf Ali, M.A.
3. Mr. R. Subba Rao, Kavi Bhushan, Sahitya Stapaka.
4. Dr. A. Sharma, M.A. (Alld.), D.Phil. (Munich).
5. Mr. Shiv Mohan Lal, M.A.
6. Mr. Abdul Quddus, M.A. (Osmania).

(B. FACULTY OF SCIENCE).

1. *Physics.*

1. Prof. Wahidur Rahman, B.Sc. (Calcutta).
2. Dr. Syed Mehdi Ali, B.A., B.T., Ph.D. (Germany).
3. Dr. Muzaffaruddin Qureishi, M.Sc. (Punj.), Ph.D. (Berlin).
4. Dr. Raziuddin Siddiqi, B.A. (Osm.), M.A. (Cantab.), Ph.D. (Leipzig), D.Sc. (Osm.).
5. Dr. Ram Lal, B.A., (Osm.), M.Sc. (Alig.), Ph.D. (Lond.).
6. Mr. Syed Mohammad Ali Khan, B.Sc. Hons. (Lond.).

2. *Chemistry.*

1. Dr. Muzaffaruddin Qureshi, M.Sc. (Punj.), Ph.D. (Berlin).
2. Dr. Syed Husain, M.Sc. (Alig.), Ph.D. (London.).
3. Mr. Syed Mohd. Azam, M.A. (Cantab.), B.Sc. Hons. (London.), F.C.S., E.E.
4. Prof. Mahmood Ahmad Khan, B.Sc. (Alld.).
5. Dr. Nazeer Ahmed Tahir, M.Sc (Osm.), Ph.D. (Lond.).
6. Dr Kazi Moinuddin, M.Sc., Ph.D. (Lond.).

3. *Botony.*

1. Prof. M. Sayeeduddin, B.Sc. (Bom.), M.A. (Edin.).
2. Dr. Brij Mohan Lal, B.A. (Madras.), M.B.B.S. (Bom.)
3. Dr. B. K. Das, D.Sc. (London.).
4. Dr. Hasan Ali Razvi.
5. Mr. Abdul Bari, M.Sc. (Bombay).
6. Mr. Abdul Salam, M.Sc.

4. *Zoology.*

1. Dr. B. K. Das, D.Sc. (London).
2. Dr. Qadiruddin Khan, M.Sc, D.I.C. (London).
3. Prof. M. Sayeeduddin, B.Sc. (Bom.), M.A. (Edin.).
4. Dr. S. P. Sahgal, M.B.B.S. (Bombay).
5. Mr. Stayta Narayan Singh, M.Sc. (Alig.).
6. Mr. M. Rahimullah, M.Sc.

5. *Geology.*

Khursheed Mirza, B.Sc., C.E., M.I.M.E., M.M.G.I.

Hasan Lateef, C.E. (Kings' College, London).

Muzaffaruddin Qureshi, M.Sc. (Punj.), Ph.D. (Berlin).

Syed Mohd. Abbas, B.Sc. (Punjab).

Mohd. Ahmaduddin, B.A., B.Sc. (Manch.).

G. Mahadevan, M.A., D.Sc.

6. *Mathematics.*

t. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).

Syed Mohd. Azam, M.A. (Cantab.), B.Sc. Hons. (London), F.C.S., E.E.

T. P. Bhaskaran, M.A., F.R.A.S.

f. Kishen Chand, M.A. (Cantab.).

Raziuddin Siddiqi, B.A. (Osm.), M.A. (Cantab.), Ph.D. (Leipzig), D.Sc. (Osmania).

f. P. K. Ghosh, B.Sc. (Calcutta), M.A. (Cantab.), F.R.G.S. (London).

Domestic Economy.

Amina Pope, M.A., D.Litt.

um Zain Yar Jung, B.A. Hons. (Cantab.).

s G. M. Linnell, Historical Tripos.

. Hosain Ali Khan.

. Nawab Ali Khan, Diploma of St. Aqne's Training College, Harrogate.

s J. Nandy, M.A. (Hons.), Teacher's Diploma (London).

C. *Theology.*

ilvi Munazir Ahsan Sahib Gilani.

Zahiruddin Ahmad, M.A., L.T., D.Litt. (Cairo).

Qari Qutbuddin, B.A. (Osmania), M.A. (Cairo).

Hamidullah, M.A., LL.B. (Osmania), Ph.D. (Bonn.), D.Litt. (Paris).

Abdul Qadir Siddiqi, M.A. (Osmania).

ilvi Fazle Ahmed Sahib, B.A.

71

(D. Engineering)

1. Mr. Hasan Lateef, C.E. (King's College, London).
2. Mr. Syed Arifuddin, B.Sc. Hons. (Manchester).
3. Dr. S. P. Raju, B.A. (Madras), B.E. (Poona), A.M.I.E. (Ind.), D. Ing. (Munich).
4. Prof. Ziauddin Ansari, M.A. (Osm.), B.Sc. Hons. (Manch.).
5. Prof. P.K. Ghosh, B.Sc. (Cal.), M.A. (Cantab.), F.R.G.S. (London).
6. Mr. Syed Ali Raza, B.A., B.Sc. Hons. (Manch.), A.M.I.C.E. (London), M.I.E. (India).
7. Mr. Syed Md. Yunus, B.Sc. (Alig.), B.Sc. Hons. (Manch.).

(E. Education)

1. Mr. Sajjad Mirza, M.A. (Cantab.), C.T. (London).
2. Zuhra Begam.
3. Mr. Mir Ahmad Ali Khan, M.A. (Delhi), M.Ed. (Leeds). Bar-at-Law.
4. Mr. Malik Sardar Ali, B.A. (Punj.), B.T. (Dacca).
5. Dr. D.D. Shenderkar, B.A. Hons. (Bombay), B.T. (Dacca), T.D., Ph.D. (London).
6. Mr. Salim Bin Sayeed, B.A., B.T., M.Ed. (Leeds).

(F. Law)

1. Raja Bahadur Rai Bisheshwernath, B.A., LL.B.
2. Nawab Dr. Nazir Yar Jung Bahadur, M.A. (Cantab.), Bar.-at-Law.
3. Nawab Akbar Yar Jung Bahadur, Advocate.
4. Prof. Husain Ali Mirza, Bar.-at-Law.
5. Mr. Mir Akbar Ali Moosavi, B.A. Hons. (Bom.), LL.B (Alig.).
6. Dr. M. Hamidullah, M.A., LL.B. (Osm.), Ph.D. (Bonn), D.Litt. (Paris).

4. SUCCESSION LISTS.

Chancellors.

1328-1329 F. (1918-1919)	The Prime Minister.
1330 Fasli (1920)	Sir Sayyid Ali Imam, K.C.S.I.
1331 Fasli (1922)	Nawab Sir Faridoon Mulk Bahadur, K.C.S.I., C.S.I., C.B.E.
1333 Fasli (1924)	Nawab Wali-ud-Daula Bahadur.
1336-1346 F. (1926-1937)	Maharaja Sir Kishan Pershad Bahadur, Yamin-us-Saltanat, G.C.I.E.
1346-1350 F. (1937-1941)	The Rt. Hon'ble Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur, P.C., LL.D.
26-11-1350 F. (1-9-1941)	Col. Nawab Sir Muhammad Ahmad Said Khan Bahadur, K.C.S.I., K.C.I.E., M.B.E., LL.D.

Vice-Chancellors.

1328 Fasli (1918)	Maulvi Habibur Rahman Khan Sherwani (Nawab Sadr Yar Jung Bahadur).
1330 Fasli (1920)	Nawab Wali-ud-Daula Bahadur.
1333 Fasli (1924)	Educational Member, Executive Council.
1336 Fasli (1926)	Nawab Wali-ud-Daulah Bahadur.
1345 Fasli (1936)	Nawab Mahdi Yar Jung Bahadur, M.A. (Oxon.).

Pro-Vice-Chancellors.

1343-45 (1934-1936)	Dr. A. H. Mackenzie, M.A., D.Litt., C.S.I., C.I.E.
1345 (1936)	Prof. Qazi Mohamad Husain, M.A. (Punj.), B.A., LL.B. (Cantab.).

Secretaries, University Council.

1328 Fasli (1918)	Mr. A. Hydari, B.A., (Rt. Hon. Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur).
Far. 1329 F. (Feb. 1920)	Sir Sayyid Ross Masood, B.A. (Oxon.), Barrister-at-Law, (Nawab Masood Jung Bahadur).
Khd. 1329 F. (April 1920)	Mr. A. Hydari, B.A., (Rt. Hon. Sir Akbar Hydari Nawab Hydar Nawaz Jung Bahadur).
1330 Fasli (1921)	Nawab Zuleadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1332 Fasli (1922)	Nawab Akbar Yar Jung Bahadur.
1336 Fasli (1927)	Nawab Zuleadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1338 Fasli (1929)	Nawab Akbar Yar Jung Bahadur.
1342 Fasli (1933)	Nawab Zuleadar Jung Bahadur, M.A., (Cantab.) Barrister-at-Law.
1346 Fasli (1937)	Mr. Md. Azhar Hasan, B.A.
1349 Fasli	Mr.Syed Mohiuddin, B.A., Bar-at-Law.
1351 Fasli (1942)	Mr. M. Azhar Hasan, B.A.

Registrars.

1328 Fasli (1919)	Mr. Syed Muhiuddin, B.A., Bar.-at-Law.
1329 Fasli (1920)	Mr. H. A. Ansari, B.A.
1-9-1349 (6-6-1940)	Dr. Syed Husain, M.Sc., Ph.D. (London).

5. THE ROYAL CHARTER.

Promulgated with His Exalted Highness' Firman dated the 16th Zilhijja 1336 Hijri (17th Aban 1327 F., 22nd September 1918) published in Gazette Extraordinary, Volume XLIX, No. 64 of the 30th Aban 1327 Fasli (5th October 1918).

Whereas the prosperity and well being of our devoted and loyal subjects are the objects of our most earnest solicitude, and whereas these objects can be secured only when the existing organisation of education in our Dominions is freed to an appreciable extent from the control of outside Universities, and higher education is organised within the State, with reference to local needs and conditions: We are pleased to order :—

1. *that a University called the Osmania University be established at Hyderabad on the first day of Muharram 1337 Hijri.*

2. *the object of the Osmania University is to provide higher education, in theology, morals, literature, philosophy, science history, medicine, law. agriculture and commerce, besides providing instruction in arts, industries and other useful branches of knowledge and promoting research in all of these subjects.*

3. *the chief characteristic of the Osmania University will be that instruction will be imparted in all branches of learning through the medium of the Urdu language while a study of the English language and literature will be compulsory.*

4. *The University shall have power—*

(a) *to provide for instruction in all such branches of learning as University may decide and also for research, and for the advancement and dissemination of knowledge.*

(b) *to grant to and confer degrees and other academic distinctions on persons who shall have pursued a prescribed course of study in, and passed the examinations held by the University.*

(c) *to grant diplomas, certificates or other distinctions to persons who have pursued a course of study under conditions approved by the University.*

(d) *to admit graduates of other Universities to degrees of the same or similar rank.*

(e) *to confer honorary degrees, or other distinctions.*

(f) *to withdraw or cancel degrees, diplomas, certificates or other distinctions granted or conferred, and*

(g) *to exercise all such other powers and to do all such other acts as may be required in order to further the objects of the University and to carry on its work.*

5. *The University shall be able and capable in law to take, purchase, and hold any property, movable or immovable, which may become vested in it for the purposes of the University by purchase, grant, testamentary disposition or otherwise, and shall be able and capable in law to grant, demise, alien or otherwise dispose of, all or any of the property, movable or immovable belonging to the University; and also to exercise such other powers and do other acts incidental or appertaining to a body corporate.*

6. *The University shall be able and capable to establish colleges on its initiative, or to exercise all of its powers with regard to colleges founded for it or transferred to its control, or to those to which it recognises as colleges, and all these shall be deemed to be its constituent colleges.*

7. *The organization of the University will be as follows:—*

Council
|
Senate

Syndicate　　　　　　　　　*Faculties*

Boards of Studies

8. *We shall be pleased to be the Patron of the University, and the other officers and executive bodies shall be as follows:—*

(1) The Chancellor.—*The Chancellor shall be the highest controlling authority of the University and may at any time direct an inspection and supervision of the University institutions, including buildings, laboratories and other appurtenances generally, and to direct the inspection of one or all of these for the purpose of seeing that the proceedings of the University are in conformity with this Charter and the rules framed thereunder.*

The Chancellor may also by order in writing annul any proceedings which is not in his opinion in conformity with this Charter and the rules framed thereunder.

His Excellency the Minister shall be the ex-officio Chancellor of the University.

(2) The Vice-Chancellor.—*The Assistant Minister of Education or the officer charged with the administration of the University shall be the Vice-Chancellor of the University and he shall take rank in the University next to the Chancellor.*

He shall exercise general supervision over the educational arrangements of the University, and it shall be his duty to see that the provisions of this Charter and the rules framed thereunder are faithfully observed.

If any emergency arises the Vice-Chancellor shall be empowered to pass such orders or to take such action as he deems necessary and intimate the fact to the officer who in the ordinary course would have dealt with the matter.

(3) The Council.—*The Executive Government of the University including the general superintendence and control over the Constituent Colleges shall be vested in the Council; provided that the Government may by rules framed in this behalf from time to time reserve to themselves such powers relating to the appointment. punishment, removal and leave of the officers as they may deem fit.*

The Council shall consist of not less than nine and not more than eleven members excluding principals of Constituent Colleges and shall comprise :—

    (i) *His Excellency the Minister.*

    (i) *The Assistant Minister. Education, or the Officer charged with the Administration of the University.*

    (iii) *The Assistant Minister, Ecclesiastical Department.*

    (iv) *The Assistant Minister of Finance.*

    (v) *The Secretary to Government, Education Department.*

    (vi) *The Director of Public Instruction.*

    (vii) *The Principals of Constituent Colleges.*

    (viii) *The remaining members appointed by the Government.*

The Secretary to the Government, Education Department will be the Secretary to the Council.

(4) The Senate.—*The Senate shall, subject to this Charter and the rules framed thereunder, have the entire charge of the organization of instruction in the University and the Constituent Colleges, the curriculum, and the examination and discipline of students and the conferment of ordinary and honorary degrees.*

The Senate shall consist of such number of members not less than forty and not more than seventy as may be fixed from time to time by the Chancellor. Such members shall be styled Fellows and shall hold office for a term of two years and their powers and duties shall be set forth in detail in the rules.

The first members of the Senate shall be appointed for that period by Government.

After the lapse of the said term of two years, the Senate shall be composed of—

(a) *The Vice-Chancellor and the other members of the Council mentioned in Section (3).*

(b) *The University Professors.*

(c) *Four members elected by the Senate, two from the list of registered graduates and two from members of the Faculties.*

(d) *The remaining members nominated by the Chancellor provided that the election and nomination of persons as Fellows shall be so regulated as to secure in the Senate a majority of persons connected with or following the profession of education.*

(5) The Syndicate.— *The Syndicate will be the business committee of the Senate and will consist of not less than 5 nor more than 7 members of the Senate, and its powers and duties shall be set forth in detail in the rules.*

(6) Faculties.—*These will be academical Committees of the Senate, entrusted with the framing of curricula and arranging for examinations and other matters. These Committees will be appointed from time to time in accordance with rules framed hereafter, and for each branch of knowledge there will be a separate Faculty. The University shall include at present the Faculties of Arts and Theology.*

Each Faculty shall be composed of not less than 12 nor more than 16 members of whom at least two in excess of half the number shall be from the Professors of the University.

> *Each Faculty shall elect from among its members*
> *Dean.*
>
> *A Faculty shall have power to consider and report o*
> *any matter referred to it by the Senate or by tl*
> *Council.*

(7) Boards of Studies.—*There shall be a Board of Studi*
in Theology and for every branch of knowledge.

> *The members of the Boards shall be recommended by ti*
> *Faculties to the Senate and on its recommendati*
> *appointed by the Council and shall consist of Unive*
> *sity Professors and other persons possessing speci*
> *knowledge of the subjects dealt with by the Boards*
> *which they are appointed.*

> *The duties of the Boards shall be to recommend to t*
> *Faculties text-books for study and for translatic*
> *courses of study and examiners in their respective c*
> *partments, and generally to advise in all matt*
> *referred to them by the Council or by the Faculty*
> *which they belong.*

(8) Board of Audit.—*This Board will be empowered*
audit all the accounts of the University and of
property, etc...It shall be appointed every year
the Senate and shall consist of three Fellows not
ing members of the Council. The accounts of
University shall also be audited on behalf of Gove
ment every year, by an officer appointed for
purpose by Government, the interval between ei
audit being not more than 15 months.

> *The Government auditor shall have access to all*
> *accounts and offices of the University.*

(9) Registrar.—*The Registrar shall also be Secretary*
the Senate and Syndicate. The Registrar may
a member of the Senate or Syndicate but shall no;
a member of the Council.

> *The Registrar shall be appointed by Government*
> *the recommendation of the Council but the first*
> *gistrar shall be appointed by Government.*

(10) Other persons and bodies in the rules in force.

9. *The Council may, subject to the provisions of this Cha*
and the rules in force, appoint Committees consisting of Fell
of the University and also, if the Council think fit, of pers
who are not Fellows of the University, and may delegate to s

Committees such duties as they think fit, as regards administrative or other matters affecting the University or any particular Faculty or Department, or the management or supervision of any building or property of the University.

The Senate, the Faculties and the Boards of Studies, shall be similarly empowered to appoint such committees within their respective spheres.

10. The University shall, in the discharge of its functions, use a seal, the design of which has been approved by us.

11. Subject to the provisions of this Charter and the rules in force the Council may from time to time make any rules and regulations required for carrying out all or any of the purposes of this Charter.

The Council may from time to time make additional rules or amend or repeal the rules in force, but all new rules and additions to the rules and all amendments and repeals of the rules shall, before they come into effect, require the previous approval of the Government who will be empowered to pass suitable orders thereon.

The first rules shall be framed and enforced by Government.

12. The Senate shall have power to draft and propose to the Council rules to be made by the Council and it shall be the duty of the Council duly to consider the same.

13. All grants made by Government from time to time and all sums paid or endowments made by private persons or local authorities, for the purposes of the University shall form a fund styled "the University Fund" which shall be at the disposal of the University to be employed for any of the purposes set forth in this Charter.

14. The Council shall have prepared and laid before the Senate every year, accounts of receipts and expenditure of the University. The budget after consideration by the Senate shall be submitted to Government and it shall be competent to Government to pass suitable orders on it.

15. The duties and powers of the University and its executive officers and bodies shall be set forth in further detail in the rules.

(By Order)
A. HYDARI,
SECRETARY TO GOVERNMENT,
Judicial, Police & General Departments.

6. REGULATIONS

CHAPTER I.
Preliminary Definitions.

Definitions.--In these rules unless there is something re
nant to the subjects or context :—

"The Charter" means the "Royal Charter" date
16th Zilhijja 1336 Hijri.

"Clear Days" means a period exclusive of both the
and last days.

"The Jaridah" means the Jaridah-i-Ailamia Sarkar
i.e., His Exalted Highness the Nizam's Govern
Gazette.

"The Rules" means the rules of the Osmania Univ
for the time being in force.

"The University" means the Osmania University.

"Resolution" means an original proposal.

"Motion" means any proposal moved either in the sha
a resolution or an amendment.

All words or expressions used in these Rules and defi
the Charter shall invariably bear the significati
tablished by these definitions.

Notices.—Any notice, intimation or information requi
be given, and any paper, minutes or proceedings required
sent, to any person under the Rules shall, unless otherwis
vided, be considered as despatched if it is sent to the addr
that person, or forwarded by post.

Addresses.—Every Fellow of the University shall g
intimation of his address or change of address to the Reg
who shall keep a record in his office of the addresses
Fellows. The last address communicated to the Registra
be deemed the correct address in each case.

CHAPTER II.
The Vice-Chancellor.

1.   The Vice-Chancellor shall have the power to c
meetings of the Council and the Senate and to perform a
acts as may be necessary to carry out or further the objects
Royal Charter and the rules thereunder.

2.   If an emergency arises which in the opinion of th
Chancellor requires immediate action, the Vice-Chancello
take such steps as he deems necessary and report the
the authorised officer who, in ordinary course, would hav
with the matter.

3. In matters which are not touched upon in the Royal Charter or the Rules and in which he considers a reference to Government necessary, the Vice-Chancellor may make such reference to Government on such matters.

CHAPTER III.

THE COUNCIL.

4 The nominated members of the Council shall hold office for a term of three years. Such memberships as fall vacant from time to time will be filled up by the Government. A member of the Council whose term has expired shall be eligible for re-nomination.

5. The Council shall submit to Government without delay copies of the proceedings of the Senate.

6. The Council shall meet ordinarily once a month and at other times when convened by the Vice-Chancellor. The Vice-Chancellor or, in his absence, the senior member present, shall preside at the meetings.

7. Half the number of members shall constitute a quorum, fractions being counted as whole numbers. All questions shall be decided by a majority of votes of the members present.

8. In accordance with the provisions of the Royal Charter and the Rules made in pursuance thereof, the Council shall, in addition to the powers vested in it, also exercise the following powers, viz:—

(a) To determine from time to time the number of professors, assistant professors, etc., and other members of the teaching staff and the office establishment of the University and its constituent colleges.

(b) In the case of appointments, within their power of disposal, to delegate, subject to the general control of the Council, the power of appointment to such authority or authorities as the Council may from time to time by general or special resolution direct.

(c) To organise and regulate the finances, accounts, investments, property, business matters, and all other administrative works of the University and for that purpose to appoint such agents as they may think fit.

(d) To invest any money belonging to the University including any unutilized income in stocks, funds, shares and securities or in the purchase of immovable property and to alter such investments from time to time.

(e) To transfer or accept transfer of any movable or immovable property on behalf of the University.

(*f*) To provide buildings, lands, furniture and apparatus and other accessories needed for carrying on the work of the University.

(*g*) To enter into, alter and cancel, contracts on behalf of the University.

(*h*) To entertain, adjudicate upon and redress any grievances of the professors, the teaching staff, the graduates, the undergraduates and the University servants, who may for any reason feel aggrieved.

(*i*) To maintain a register of donors to the University.

(*j*) To draft rules as and when they see fit and submit the same to the Government for consideration and approval.

The following additional powers were delegated to the Council in accordance with His Exalted Highness the Nizam's Firman dated the 20th Rajab 1340 Hijri, 16th Ardibehisht 1331 F.—20th March 1922 :—

(1) To transfer any expenditure from one sub-head to another.

(2) To sanction all kinds of leave to any officer, whose leave the Principal, the Registrar or the Curator is not authorised to sanction, and also to cancel the same.

(3) To sanction *amal-i-taynati* from one office of the University to another.

(4) To change the designation of any non-gazzetted appointment.

(5) To sanction arrears of pay or travelling allowance due to an officer of the University for any period.

(6) To depute officers of the University to places outside the Dominions to attend Scientific Conferences, to study the working of other Universities or to purchase stores or apparatus for the University or for any other purpose in the interests of the University.

(7) To sanction the payment of full salary to the officiating officer, when the permanent incumbent avails of extraordinary leave.

(8) To commute absence without leave into leave of any kind to which an officer is entitled under the Rules provided the period of absence does not exceed six months.

(9) To sanction furlough (*rukhsat-i-khangi*) to officers of the University up to a limit of three years for pur-

pose of study irrespective of the length of their services.

(10) To sanction holidays and vacations for the colleges and offices of the University or to close the colleges and offices during epidemics.

(11) To sanction rates of remuneration for books translated on piece-work.

(12) To sanction extension in the services of officers of the University up to a limit of 60 years.

(13) To start a newly appointed officer on a salary above the minimum pay of the grade.

(14) Notwithstanding anything to the contrary in Articles 113 and 117 of the Civil Service Regulations, the Council of the Osmania University will be competent to sanction allowances for plural appointments in the colleges or offices of the University subject to the general condition that the cost of these arrangements should on no account exceed the provision in the budget for the appointments.

N.B.—If the Financial Member differs in any financial matter from the view taken by the majority the case shall be referred to Government.

CHAPTER IV.

1. THE SENATE.

9. In accordance with the provisions of Section 8 (1, 2, 3, 4, 5 and 6 of the Charter) dated 16th Zilhijja 1336 Hijri (22nd September 1918), the Chancellor, the Vice-Chancellor, the Secretary to Government, Education Department, the Director of Public Instruction, the Councillors, the Deans of the Faculties of Theology and Arts and the Fellows of the University, shall have seniority and precedence first, in the order above specified down to the Deans; and secondly, according to their official precedence in the case of *ex-officio* Fellows and thirdly, in the case of the remaining Fellows according to the sequence of their original appointments.

10. The election of members shall be subject to the approval of the Chancellor.

11. The Chancellor may, on the representation of two-thirds of the members of the Senate, cancel the appointment of any person as a Fellow of the University, and as soon as such cancellation is notified in the *Jarida*, the said person shall cease to be a Fellow. When a member is charged with gross misbehaviour

unfitting his office, the Senate will hear him or any other member nominated by him on his behalf before reporting the matter to the Chancellor.

12.   Every Fellow elected and nominated under the Rules shall be eligible for re-election or nomination at the close of his term of office.

13.   All casual vacancies among elected members shall be filled up by the body which elected the member who held the vacant membership.

2. Powers of the Senate

14.   In accordance with the provisions of the Royal Charter and Rules made in pursuance thereof, the Senate shall among other powers also have the following powers:—

(*a*)   To discuss and declare an opinion on any matter whatsoever relating to the University.

(*b*)   To suggest to the Council the removal of any professor or teacher of the University or the appointment of additional professors or other teachers.

(*c*)   To formulate, modify or revise schemes for the organization of the Faculties of the University and to assign to such Faculties their respective subjects and also to report to the Council regarding the expediency of the abolition, amalgamation or sub-division of any Faculty.

(*d*)   To institute and confer such degrees and grant such Diplomas, Licenses, Certificates, and other distinctions in respect of courses of study and examination as may be prescribed in the Rules.

(*e*)   To make rules regarding the academic apparel of graduates, holders of distinctions and officers of the University.

(*f*)   To fix, subject to conditions made by the founder and accepted by the University rules and regulations and terms of competition for fellowships, scholarships and other prizes and to award the same.

(*g*)   To report on any matter transferred or delegated to them by the Council.

(*h*)   To promote research within the University and to call for reports on the subject from time to time.

(*i*)   To maintain a Register of Graduates.

3. Meetings of the Senate.

15.   The Senate shall meet ordinarily once a year in the month of Amardad.   If deemed necessary by the Vice-

Chancellor, meetings may be convened at other times also. A copy of the proceedings of such meetings must be sent to the Council.

16. The Vice-Chancellor shall convene a meeting of the Senate on the requisition of any six Fellows.

17. Twenty members shall constitute a quorum and all questions shall be decided by a majority of votes of the members present.

18. Any member of the Senate shall be empowered to bring forward a resolution dealing with any matter pertaining to the proceedings of the Faculties or of the Syndicate or with any question concerning the budget or otherwise connected with the affairs of the University. Such resolution, if carried, shall be forwarded to the Council and the Council shall inform the Senate in due course of the action taken. Should the Senate be not satisfied with or disapprove of the course of action adopted by the Council, it shall have power to make a representation to Government on the subject.

19. Such proposals and amendments only as are immediately connected with the Osmania University and are in accordance with the Royal Charter shall be entertained and debated in the Senate.

4. CONVOCATION.

20. A convocation for conferring degrees shall be held on the fourth Monday in Azur or if that day happens to be a holiday, on the next working day or on such other graduation day as may be appointed by the Chancellor or Vice-Chancellor.

21. Persons entitled to degrees and desirous of being admitted must apply in writing 10 days previously to the Registrar who will communicate their names together with the necessary certificates to the respective Deans of Faculties for submission to the Senate on the next graduation day.

22. The Senate will, on the motion of the Dean of each Faculty or in his absence, the senior member of the Faculty respectively pass, the necessary graces in that behalf and the persons so approved shall be presented to the Chancellor or Vice-Chancellor successively, the graduates in the Faculty of Theology taking precedence of those in Arts.

23. In special cases and at the discretion of the Syndicate candidates who have passed the examinations may be permitted to take their degrees *in absentia* on payment of an extra fee of Rs. 10,

5. Notice and Procedure.

24. Sixteen clear days before the day fixed for a meeting the Senate, the Registrar shall forward to each member of t Senate a statement of all business to be brought before t meeting and containing the full text of each resolution propos to be put before the Senate with the name of the proposer each, a written intimation of which has previously been ceived by the Registrar. The inclusion of a report of any co mittee of the Senate in the Agenda paper shall be held to equivalent to notice of a motion, for its adoption. Notice writing of proposed amendments and the terms thereof a of motions for any change in the order of business as set foi in the statement must be forwarded so as to reach the Registi five clear days before the meeting. The Registrar shall, two cle days before the meeting, forward to each member of the Sena a statement of all motions and amendments, and no motion amendment of which such previous notice has not been give shall be put to the meeting. The following motions may, ho ever, be proposed without a previous entry in the Agen paper :—

(a) A motion for dissolution, adjournment or suspensi of the sitting to pass to the next business on t Agenda paper.

(b) A request to the Council to reconsider a question; a direction to the Syndicate to review their decision.

(c) A motion remitting the matter under consideration the Syndicate or to a Faculty for report, or

(d) An amendment admitted by the Chairman as pur formal.

6. Order of Business.

25. The members shall, before they take their place, regis their attendance in a book placed for the purpose at the entrai of the place of meeting.

26. Fifteen minutes after the time prescribed for the me ing, the Chairman shall ascertain whether there are twei members present; if this number be not present, the meeti shall forthwith be adjourned to such a date as the Chairm may fix. Such adjournment shall be recorded by the Registi under the signature of the Chairman. In case of a meeti adjourned for want of quorum, no quorum will be required pass the adjournment.

27. At every meeting, unless the meeting, by special vo otherwise determine, the order of business shall be as follows

(*a*) The election of the Chairman if such election forms part of the business.

(*b*) The signing of the minutes of the previous meeting or the meeting under adjournment.

(*c*) The election of any official of the University, if such election forms part of the business of the meeting.

(*d*) Any motion for a change in the order of business.

(*e*) Such business and motions of which notice has been given according to the rules in the order in which such business and motions are entered in the Agenda Paper, and also motions to be brought forward subject to the provisions of this Rule and Rule 24.

7. RULES OF DEBATE.

(1) *Motions.*

28. Every motion shall be affirmative in form and shall begin with the word "that."

29. Every motion shall be moved by the member in whose name it stands on the Agenda Paper; if he is absent or declines to move, it may be moved by any other member.

30. Every motion at a meeting must be seconded otherwise it shall drop. The seconder of a motion may reserve his speech.

31. When a motion has been seconded it shall be stated from the chair.

32. When a motion has thus been stated it may be discussed as a question to be resolved in the affirmative or as proposed to be changed by amendment.

When before or after debate no member rises to speak to the motion the chairman shall proceed to put the question to the vote in the manner hereinafter explained.

33. A substantive proposal once brought forward shall not be proposed a second time at the same meeting or at any adjournment thereof. A proposal substantially identical in part with one already disposed of at the same meeting or adjourned meeting, may be brought forward with the omission of such part.

34. Not more than one proposal and one amendment thereto shall be placed before the meeting at the same time. Each amendment shall be disposed of before the next is moved. All amendments which are not withdrawn under Rule 43, or which do not violate Rule 36, shall be debated and voted upon. In case no notice of amendment under Rule 24 has been given, the Senate shall proceed to consider and to vote upon the bare proposal.

(2) *Amendments.*

35. No amendment shall be proposed which would reduce the original proposal to its negative form.

36. No amendment shall be proposed which raises a question already disposed of by the meeting or is adverse to any resolution passed by it.

37. The order in which amendments to proposal are to be brought forward shall be determined by the chairman in view of their object and logical inter-relation.

38. An amendment, the substance of which has been disposed of in part, may be modified by its proposer so as to retain only the parts not so disposed of.

39. When an amendment has been moved and seconded, it shall be stated from the chair and then the debate may proceed on the original proposal and the amendment together; but if the questoin raised by the amendment is one on which a member has not yet spoken he may speak to that question though he had spoken to the original question or a previous amendment.

40. Every amendment shall be proposed in such form as may enable the modification of the original motion in any or all of the following ways:—

        (1) by addition of words;

        (2) by deletion of words;

        (3) by substitution of words;

and the mover may state how exactly the motion or the part thereof affected would stand when so amended.

41. If any amendment is so carried it shall become part of the motion before the Senate and the motion shall be modified accordingly.

42. When all the amendments of which due notice has been given, have been considered, the original motion or original motions as amended in the course of debate shall be placed before the Senate and put to the vote without further discussion.

(3) *Withdrawal of a Question.*

43. No motion shall be withdrawn from the decision of the Senate without its unanimous consent. If the mover states his wish to withdraw a proposal or amendment and if no dissent is expressed during the interval allowed by the Chairman for the purpose, the Chairman shall declare that the question is withdrawn with the consent of the Senate.

(4) *Resolution of the Senate into a Committee.*

44. The Senate may, when it thinks fit, resolve itself into a Committee to consider any item which may be on the Agenda Paper. A motion for the resolution of a meeting into a Committee may be made by any member at any time—but not so as to interrupt a speech—without the notice required under Rule 24. Such motion, however, can only be placed before the Senate for consideration if the Chairman has permitted it. No speech shall be allowed in moving such motion. No such motion shall be considered unless fifteen members rise in support thereof. The motion having thus been duly seconded shall be put to the meeting without further discussion and shall only be carried if two-thirds of the members present vote in its favour.

45. When the Senate decides in this manner to resolve itself into a committee the Chairman shall be the same as for the meeting of the Senate and the quorum shall be the same as for the meeting of the Senate.

The manner in which the discussion of the matter under consideration shall be conducted shall be left to the discretion of the Chairman.

When in the opinion of the Chairman the matter has been sufficiently discussed the committee shall embody its conclusions in a report to be signed by the Chairman. The period during which the Senate is sitting in the committee shall be considered as a suspension of the sitting of the Senate and immediately the committee terminates, the Senate shall be again called to order by the Chairman and report of the Committee's deliberations presented to it by the Registrar. If a resolution passed by the Committee involves recommendations not covered by the original motion and the amendments to that motion on the Agenda of the meeting, they shall not be considered by the Senate until notice of these has been given as required under Rule 24, and the meeting of the Senate shall be adjourned to allow such notice being given. A motion made as a result of the deliberations of such a Committee may be presented to the Senate without previous consideration by the Syndicate.

(5) *Adjournments, etc.*

46. A proposal "that this meeting be now dissolved" may be moved at any time as a distinct question but not as an amendment nor so as to interrupt a speech. If the motion is carried the business before the meeting shall drop.

47. A proposal "that the meeting be now adjourned" to some specified time, may be moved at any time as distinct

question but not as an amendment nor so as to interrupt a speech
The Chairman himself can however make such a proposal while
a member is speaking. If such proposal be negatived, the debate
shall be resumed. The same rule will apply to the meeting of
the Senate Committee.

48. No amendment shall be moved to a proposal under last
preceding Rule except one for substituting a different time for
that to which it is proposed to adjourn the meeting.

49. A meeting renewed or continued after an adjournment
is to be deemed one with that preceding the adjournment pro-
vided that if the meeting be adjourned to such date as to admit
of the notice required under Rule 24, any amendments otherwise
in order may be moved at any adjourned meeting if the notice
so required is duly given.

50. The motion ·· that the meeting pass to the next business
on the Agenda'' may be made at any time as a distinct
question but not as an amendment nor so as to interrupt a speech.
If such a motion be carried the proposal under consideration
and the amendments thereto shall not be further dealt with at
the meeting.

51. No motion for the dissolution or for the adjournment
of the meeting or for the suspension of the sitting or to pass to
the next business, shall be made or spoken to during the debate
by any member who has spoken in the debate. Any such
motion shall take the place of any question that may be before
the meeting and if not withdrawn must be disposed of before
such question.

52. When a motion of the class contemplated in the last
preceding Rule has been brought forward and negatived, no other
motion of that class shall be again brought forward until after
the lapse of what the Chairman shall deem a reasonable time,
nor shall a debate be allowed on such second or subsequent
motion brought forward during a debate on the same proposal
alone or the same proposal or amendment discussed together.

(6) *Miscellaneous.*

53. On each proposal or proposals and amendment in debate
a member may speak once in accordance with the provisions of
Rules 39 and 51.

54. The member who is first up at the conclusion of a speech
has the right to be heard. In cases of competition the Chairman
shall decide.

55. The mover of an amendment or when there is no amend-
ment the mover of the original resolution may reply upon the

debate before vote is taken; the mover of a motion for a dissolution or adjournment or for the suspension of the sitting or for the passing to the next business on the statement has, however, no right to reply.

56. No member shall speak to the question after the mover has entered on his reply.

57. The Chairman has the same right of moving or seconding a motion or amendment and of otherwise taking part in the debate as any other member. When the Chairman thus takes part in the debate he shall vacate the chair whilst he is addressing the meeting and the chair shall during such time be taken by the senior member present, not being the Chairman.

(7) *Points of Order.*

58. Any member may call the Chairman's attention to a point of order even whilst another member is addressing the meeting, but beyond stating the precise point of order raised. he shall not make a speech. Such a call pronounced by the Chairman to be vexatious and any interruption or obstruction to the progress of the business before the Senate pronounced by the Chairman to be unseemly or unreasonable shall be deemed a breach of order.

59. The Chairman shall be the sole judge on any point of order and may call any member to order and if the member so called to order shall in speaking disregard such call, the Chairman may direct him to sit down and thereupon another member may speak. In the event of any contumacious disregard of a ruling or call to order by the Chairman he may request the member so offending to leave the meeting and on such requisition being made to a member by name, he shall be suspended from his functions as a member during the meeting and shall be bound immediately to withdraw.

(8) *Voting.*

60. On putting any question to the vote the Chairman shall call for an indication of the opinion of the Senate by a show of hands in the affirmative and negative and shall declare the result thereof according to his opinion.

61. Any six Fellows may demand a division except on a motion for which under Rules 24 and 44 previous notice is not required.

62. In every division only such members as are present at the putting of the question shall be entitled to vote. Voting papers will be supplied by the Registrar and every voting paper shall be returned with or without the vote.

63. When the Chairman announces the division to be clo: the Fellows shall state in writing the number on each side, s the statement and hand it to the Chairman together with voting papers arranged in two separate bundles.

The Chairman shall then declare the result of the divi: to the meeting and the result shall be recorded in the minute

64. If after a division five members present demand a count, the Chairman shall appoint two or more members to with the Fellows who shall report the fact to the Chairman, the latter shall thereupon declare the result which shall be clusive.

65. Pending the recount the Chairman may either susp the sitting or call for such business as may in his opinion most conveniently proceeded with. But on the disposal of business thus entered on, the regular order of subjects, if it been departed from, shall be resumed.

(9) *Record of Proceedings.*

66. A journal shall be kept by the Registrar contai a brief abstract of the proceedings of the Senate. The jou shall be submitted as soon as possible after each meeting to Chairman for his confirmation and signature.

67. Within three weeks after a meeting of the Senate Registrar shall, under the direction of the Syndicate, po printed copy of the minutes of such meeting attested by Chairman to the address of each member.

68. If no exception is taken by a member who was pr at the meeting to the correctness of the minutes within ten of posting by the Registrar they shall be deemed to be corre

69. If any exception be taken within the time aforesai attention of the Chairman shall be called to the portion o minutes objected to and he shall make such alterations . may find to be neccessary.

CHAPTER V.
THE SYNDICATE.

70. Two members of the Syndicate shall be nominat the Council and the rest elected by the Senate.

71. Three members shall form a quorum.

72. The President of the Syndicate shall be nominat the Council from among the Syndics.

73. It shall be the duty of the Syndicate:—

(a) To order examinations in conformity with the Rules and fix dates for holding them.

(b) To fix the fees, emoluments, travelling and other allowances of Examiners and Moderators.

(c) To consider and make such reports or recommend such action as it deems fit on financial and business matters brought forward by the Members of the Senate and Faculties for consideration by the Senate.

(d) To prepare such forms and registers as are from time to time prescribed by the Rules.

(e) To make all the necessary arrangements for the publication of the books, etc., brought out under the auspices of the University.

CHAPTER VI.

THE FACULTIES.

74. The Faculties shall be constituted every two years and ıe members will be elected by the Senate. Six members will ɔrm a quorum.

75. The Dean of a Faculty shall hold office for two years ill the next re-constitution of the Faculty. He shall preside at he meetings of the Faculty.

76. A Faculty shall have power:—

(a) To draft rules in regard to courses of study and examinations prescribed by the University and to lay such rules before the Senate in order that they may be brought before the Council for ratification.

(b) To remit any matter to a Board of Studies comprised within the Faculty for consideration and report.

(c) To consider any report or recommendation of any Board of Studies comprised within the Faculty.

(d) To hold meetings of the Faculty or a Committee of the Faculty along with any Faculty or a committee thereof for the discussion of any matter of common interest.

(e) To appoint Examiners and Moderators.

(f) To determine finally the results of the examinations on the recommendations reported by a meeting of all Examiners for each examination.

(g) To determine the award of stipends, scholarships medals, prizes and other rewards in conformity with the Rules and the conditions prescribed for their award.

(h) To determine courses of study and lists of text-books to be prescribed or recommended for study or translation.

CHAPTER VII.

The Boards of Studies.

77. The following will be the Boards of studies:—

English Literature.   ●

Compulsory Theology.

Arabic Literature.

Sanskrit Literature.

Persian Literature.

Latin Literature.

Urdu Literature.

Marathi Literature.

Telugu Literature.

Kanarese Literature.

Tamil Literature.

French Literature.

History, including at least one member each for Indian History and Muslim History, and Political Science.

Economics and Sociology.

Mathematics.

Physical Science (Physics and Chemistry).

Natural Science (Geology, and Biology).

Mental and Moral Philosophy, including at least one member each for Muslim Philosophy and Hindu Philisophy.

Domestic Science.

78 A member of a Board of Studies shall hold office for two years and shall be eligible for reappointment.

79. No board shall consist of more than seven or less than three members. The head of the Department concerned will be an ex-officio member of the Board, and in addition to him, the Faculty may elect five members of the Board. The Senate may, if it thinks it necessary, elect a seventh. Three members will form a quorum.

80. Each Board shall elect its own Chairman.

81. Any Board may co-opt specialists who are not members of the board, but such member will not be entitled to vote.

82. Members of the Boards of Studies shall be solely responsible for seeing that there is nothing in any book prescribed for study which is calculated to wound the religious sentiments of any section of His Exalted Highness' subjects, no exception however being taken to minor differences of opinion which are inevitable. There shall be at least one Musalman on the Boards

conversant with the language and competent to express an opinion on the books from a religious and Islamic point of view. Rules for the guidance of the members of the Boards of studies shall be as follows:—

1. All books prescribed for study should be free from passages containing improper remarks concerning founders of religions or passages likely to cause offence to followers of any religion or prejudicial attacks on any religion.

2. Islamic religious books included in the curriculum should be entirely free of any teaching contrary to the established beliefs of Muslims.

3. But the following will not be held objectionable provided there is no unseemly attack on any religion:—

(a) *In books of Literature.—*

Verses in praise of wine, etc., showing a disregard of *Shariat* (‌مضامین رندانه) and poetic fancies

(تخیلات شاعرانه)

(b) *In books of Philosophy.—*

Questions of Philosophy.

(c) *In books of History.—*

The religious ideas of the followers of other religions or narratives of their achievements from a historical point of view.

CHAPTER VIII.

FINANCE.

(1) *The Board of Audit.*

83. The Board shall meet ordinarily once every month and at other times when convened by the Vice-Chancellor.

84. The Board shall examine and audit the University accounts, the endowments and trust funds accounts, consider ways and means and the financial effects of any important measures in contemplation and make recommendations when necessary to the Senate on all matters relating to the finance of the University. It shall also make an annual report to the Senate on noteworthy points regarding the income and expenditure during the last preceding year. Copies of all reports and recommendations of the Board of Audit shall be sent to the Council by the Senate. The Members of the Board shall have access to all the accounts and other records of the University.

85. Members of the Board shall hold office until the next annual meeting of the Senate. They shall be eligible for re-appointment at the expiration of their term of office. All vacancies in the Board occurring in the course of the year shall be filled up by the Senate.

(2) *Government Audit.*

86. The accounts of the University shall be audited at least once in every year and at intervals of not more than fifteen months by auditors appointed by Government.

87. The auditors shall for the purposes of their office have access to all the accounts and other records of the University.

88. The accounts when audited shall be published together with the auditors' report in such form as may be prescribed by Government and a copy thereof shall be submitted to Government.

CHAPTER IX.

OFFICERS AND SERVANTS OF THE UNIVERSITY.

89. The Registrar will hold office during the pleasure of the Government but may be removed on the recommendation of a two-thirds majority of the members of the Council.

90. It shall be the duty of the Registrar:—

(a) To be the custodian of the records, library, common seal and such other property of the University as the Council shall commit to his charge.

(b) To attend as far as possible all meetings of the Senate and the Syndicate and any committees appointed by the Senate and to keep minutes thereof.

(c) To conduct the official correspondence of the Senate and the Syndicate.

(d) To issue all notices concerning meetings of the Senate, Faculties, Syndicate, Boards of Studies, Boards of Examiners and any committees appointed by the Senate, the Faculties, or any of the Boards of Studies.

(e) To conduct all the administrative duties of the Translation Bureau.

(f) To perform such other duties as may from time to time be prescribed by the Council and generally to render such assistance as may be desired by the Council in the performance of its official duties.

91. The scale of establishment for the office of the University shall be fixed by the Council from time to time.

92. The Registrar shall have power to fine, suspend and grant leave to all non-gazetted servants of his own office and make appointments upto Rupees 125.

CHAPTER X.

EXAMINATIONS.

93. No one shall be permitted to enter the University in order to study for the Intermediate Examination unless he has passed the Matriculation Examination of the University or the School Leaving Certificate Examination or the Matriculation Examination of any other Indian or English University.

94. No one will be admitted to join the University to study for the B. A. and other degrees unless he has passed the Intermediate Examination of the University or any other Indian or English University.

(By order)

A. HYDARI,

SECRETARY TO GOVERNMENT,

Judicial, Police and General Departments.

7. SUPPLEMENTARY RULES.

I. ELECTION OF MEMBERS OF THE SYNDICATE

BY THE SENATE.*

The following procedure shall be adopted in the election of the members of the Syndicate by the Senate under Regulation 70.

1. The election shall take place at the annual meeting held in Amardad, or on such date as the Chancellor may appoint in this behalf.

2. Not less than ten days before the meeting, the names of members who are proposed by any Fellow for election as members of the Syndicate shall be submitted in writing to the Registrar, who shall circulate the names to the members of the Senate at least four days before the meeting.

3. Each voter shall have only one vote for each vacancy and can give only one vote to any one candidate.

4. The election shall take place at the meeting of the Senate upon the date so fixed, and the voting shall be by ballot.

5. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

N. B.—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one

---

II. ELECTION OF MEMBERS OF THE FACULTIES BY THE

SENATE.†

The following procedure shall be adopted in the election of the members of the Faculties by the Senate under Regulation 74.

1. The election shall take place at the annual meeting held in Amardad, or on such date as the Vice-Chancellor may appoint in this behalf.

---

* Received the assent of His Exalted Highness the Nizam on the 10th Shaban 1340 H., (5th Khurdad 1331 F.—9th April 1922).

† Received the assent of H.E.H.'s. Government on the 22nd Ardibehist 1333 F. (26th March 1924).

2.   The Syndicate shall, in the first instance, draw up a list of persons whom they recommend for appointment to the various Faculties.   This list shall be circulated among the members of the Senate by the Registrar not less than sixteen clear days before the meeting.   Any member of the Senate may then propose additional names for any of the Faculties, which must be sent to the Registrar nine clear days before the meeting.   These names, together with the original list, shall be circulated among the members of the Senate five clear days before the meeting and no additional names shall be received.

3.   At the meeting of the Senate, the entire list shall be voted on Faculty by Faculty, and every member shall be declared to be appointed who obtains votes from a majority of the members of the Senate voting for the Faculty under appointment.   The voting shall be by ballot.

In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Vice-Chancellor with whom the final selection shall rest.

III. Election of two Fellows from the
Members of the Faculties.*

The following procedure shall be adopted in the election of two Fellows by the Senate from the members of the Faculties who are not already members of the Senate.   One of these members shall be elected from the Faculty of Arts and the other from the Faculty of Theology.

1.   Once in every year in the annual meeting of the Senate held in Amardad or on such date as the Chancellor may appoint in this behalf, there shall, if necessary, be an election to fill any vacancy among the two Fellows to be elected by the Senate from the members or the Faculties of Arts and Theology who are not already members of the Senate.

2.   Intimation of the date fixed for election shall be sent to the members of the Senate at least twenty-five days in advance together with a list of the members of the Faculties who are not members of the Senate and each Fellow shall, on receipt of the notice, be entitled to propose the name of one person from the list for appointment as a Fellow.   Such proposal must reach the Registrar fourteen clear days before the date fixed for election.

The Registrar shall cause a list of the nominees to be pr
and forwarded to the members of the Senate five clear
before the date fixed for ellection.

3. The election shall take place at the meeting of the S
upon the date so fixed, and the voting shall be by ballot.

4. Those who obtain the highest number of votes sha
declared elected. In the event of there being any tie bet
two or more candidates necessitating further selection,
names shall be reported to the Chancellor wih whom the
selection shall rest.

N. B.—The Chancellor or in his absence the Vice-Chancellor shall ha
power to accept or reject an election, and in the latter cas
shall be competent to cancel the election mad and to order a
one.

IV. Election of Two Fellows from the list
of Registered Graduates.*

The following procedure shall be adopted in the electi
two Fellows by the Senate from the list of registered grad
under Section 8 (4) (c) of the Charter.

1. Once in every year in the annual meeting of the S
held in Amardad or on such date as the Chancellor may ap
in this behalf, there shall, if necessary, be an election to fil
vacancy among the two Fellows to be elected by the Senate
the list of registered graduates.

2. No person unless his name has been entered in the
ter of graduates and unless he has paid the fee for the ye
which the election takes place shall be qualified to be elect
any election to be held under these rules.

3. Intimation of the date fixed for election shall be se
the members of the Senate at least twenty-five days in ad
together with a list of registered graduates and each Fellow
on receipt of the notice, be entitled to propose the name o
person from the list for appointment as a Fellow. Such pro
must be accompanied by a brief statement of the special (
fications of his nominee and must reach the Registrar fou
clear days before the date fixed for election. The Registrar
cause a list of the nominees and of the statements to be pr
and forwarded to the members of the Senate five clear days b
the date fixed for election.

* Received the assent of His Exalted Highness the Nizam on th
Shaban 1340 H., (5th Khurdad 1331 F.—9th April 1922).

·

4. Each voter shall have only one vote for each vacancy and can give only one vote to any one candidate.

5. The election shall take place at the meeting of the Senate upon the date so fixed and the voting shall be by ballot.

6. Those who obtain the highest number of votes shall be declared elected. In the event of there being any tie between two or more candidates necessitating further selection, their names shall be reported to the Chancellor with whom the final selection shall rest.

> *N. B.*—The Chancellor or in his absence the Vice-Chancellor shall have the power to accept or reject an election, and in the latter case they shall be competent to cancel the election made and to order a fresh one.

V. REGISTER OF GRADUATES.*

The Register of Graduates to be kept under Section 8 (4) (c) of the Royal Charter shall be in such form as the Syndicate may from time to time decide.

1. Any person belonging to any of the following classes who is ordinarily resident in the Dominions shall, subject to the payment of the prescribed initial fee, be entitled to have his name entered in the register on application :—

(a) Any Master or Doctor of the University or of an Indian, British, Colonial or American University, recognised for the purpose by the Council.

(b) Any Bachelor of at least six years' standing of the University, or of an Indian, British, Colonial or American University recognised for the purpose by the Council.

(c) Any Maulvi Fazil, Maulvi Kamil or Munshi Fazil of the Dar-ul-Ulum of at least six years' standing.

2. The initial fee payable by a graduate for having his name entered on the register shall be five rupees.

3. The fee payable by a graduate for having his name retained on the register shall be two rupees a year. Till such fee has been paid, no graduate shall be entitled to take part in any election or to enjoy any of the privileges conferred by the Regulations.

---

* Approved by the Council of the University on the 18th Farwardi 1330 F., 19th February 1921.

4. A graduate whose name has been already enter
register may at any time compound for all subsequent ;
of the annual fee by paying the sum of twenty rupees

5. The name of any graduate entered on the regis
if the amount of the annual fee is not paid by the
Ardibahisht, be removed therefrom, but shall at any
re-entered on payment of all arrears.

6. Registered graduates shall have, besides the
electing two Fellows, the following privileges :—

. (a) They shall be entitled to the use of the ι
Library and Membership of the University

(b) They shall be admitted free to all lectures del
University Professors.

(c) They shall have priority of admission to the Cc
over unregistered graduates.

VI. ACADEMIC ROBES.

Chancellor.

Green silk gown with gold lace and tufts.

Vice-Chancellor.

Green silk gown with silver lace and tufts.

Fellows.

Dark green Alpaca gowns of the same shape as w
Master of Arts of the University of Oxford, together ι

Graduates.

Gowns	..	.. Dark green Alpac; the same sha worn by the and Masters ι versity of Oxi
Head Dress	..	.. Yellow.
Hoods—Arts	..	.. Cream coloured s
Theology		.. Green.
Science		.. Dark Green.
Medicine		.. Grey.
Law	..	.. Scarlet.
Education		.. Light Blue.
Engineering		.. Purple.

Messrs. Parfitt & Co., Allahabad, have been
Robe-makers to the University.

VII. Rules of Procedure to be followed at the Convocation for conferring Degrees.*

1. The Chancellor, the Vice-Chancellor and Fellows shall assemble in the Senate room at the appointed hour. In the absence of the Chancellor, the Vice-Chancellor shall preside.

2. The graces of the Senate on behalf of the candidates for admission to the several degrees will be supplicated by the Deans of the various Faculties in the following order:—

> Theology.
> Law.
> Medicine.
> Engineering.
> Education.
> Arts.
> Science.

3. The formula to be used for each grace shall be as follows:—

> " ....Chancellor, I move that a grace of the Senate be passed that those persons whom the Faculty of............on the reports of the Examiners has certified to be qualified for the degree of............ be admitted to that degree."

4. When all the graces have been passed, the Chancellor, Vice-Chancellor and Fellows shall proceed in procession to the Hall in which the degrees are to be conferred.

5. The Chancellor and Vice-Chancellor shall appear in their official robes and the Fellows shall appear in the academic costume to which they are entitled in virtue of their degrees or in that prescribed for the Fellows of the University.

6. The candidates shall wear the gowns and hoods appropriate to their respective degrees and shall be arranged opposite to the Chancellor and the Vice-Chancellor.

7. On the procession entering the Hall, the candidates shall rise and remain standing until the Chancellor and the Vice-Chancellor and the Fellows have taken their seats.

8. The Chancellor, the Vice-Chancellor and the Fellows having taken their seats, the Chancellor or the Vice-Chancellor shall say: "This Convocation of the Osmania University has been called to confer degrees upon the candidates who have

been certified to be worthy of these degrees. Let the can stand forward.''

9.   Then the candidates standing, the Chancellor or th Chancellor shall put to them the following questions to the candidates will answer by the words *'I do promise.*

> *Question* 1.—Do you solemnly and sincerely promi declare that if admitted to the you will in your daily life and conver conduct yourself as becomes member University?

> *Answer.—*   I do promise.

> *Question* 2.—Do you solemnly and sincerely promi declare that to the utmost of your oppo and ability, you will use your powers furtherances of true learning?

> *Answer.—*   I do promise.

> *Question* 3.—Do you solemnly and sincerely prom declare that to the utmost of your oppo and ability, you will use your powers service of your fellowmen?

> *Answer.—*   I do promise.

> *Question* 4.—Do you solemnly and sincerely promi you will faithfully and diligently fu duties of the profession to which you wi tually belong and that you will on all o maintain its purity and reputation?

> *Answer.—*   I do promise.

> *Question* 5.—Do you solemnly and sincerely promis loyal in thought, word and deed to you H. E. H. the Nizam and to do your best mote the interests of Hyderabad State?

> *Answer.—*   I do promise.

> *Question* 6.—(*For the Faculty of Theology only*). Do you solemnly and sincerely promi declare that to the utmost of your oppo

and ability, you will use your powers in the service of Islam as a true Muslim?

Answer.— I do promise.

10. The Chancellor or the Vice-Chancellor shall then say "Let the candidates be presented."

11. The candidates shall be presented in batches to the Chancellor or the Vice-Chancellor by the Deans of their respective Faculties, who shall say for each batch:—

"I present to you this (or these) candidate (or candidates)— read out names—and pray that he (or they) may be admitted to the degree of........................"

12. When all the candidates for the same degree have been presented, the Chancellor or the Vice-Chancellor, in presenting the diplomas, shall say to the candidates who shall remain standing:—

"By virtue of the authority vested in me as Chancellor (or Vice-Chancellor) of the Osmania University, I admit you to the degree of .... in this University, and I charge you throughout your life, to prove worthy of this degree."

13. When all the candidates have been presented, the Registrar shall lay the record of the degrees that have been conferred before the Chancellor or the Vice-Chancellor, who shall affix his signature thereto.

14. The Chancellor, the Vice-Chancellor, a Fellow of the University or a distinguished guest shall then address the candidates.

15. At the close of the address, the Chancellor, the Vice-Chancellor and the Fellows shall rise, and the Chancellor or the Vice-Chancellor shall say: "I declare this Convocation dissolved."

16. Then the Chancellor, the Vice-Chancellor and the Fellows shall retire in procession to the Meeting Room, the graduates standing.

VIII.—RULES FOR CONFERRING DEGREES BEFORE CONVOCATION.

The Registrar or Vice-Chancellor has been empowered by special legislation to confer the degrees on such graduates in the presence of the Principal and such members of the teaching staff as can be conveniently present after charging them to be of good

behaviour, etc., who proceed to the European Universi
the Convocation, provided they have been recommend
Faculties.

IX. RULES FOR CONFERRING HONORARY DEGREE

1. When the Vice-Chancellor and not less than tw
the other members of the Council recommend that an
Degree be conferred on any person on the ground th
their opinion by reason of his eminent position and at
a fit and proper person to receive such a degree and
recommendation is supported by not less than two-thi
Fellows present at a meeting of the Senate and is cor
the Chancellor and by H.E.H. the Nizam on the recom
of the State Executive Council, the Senate may confe
person the Honorary Degree so recommended without
him to undergo any Examination.

Provided that in cases of urgency the Chancellor r
the recommendation of the University Council only.

2. The Honorary Degrees which the University is
ed to confer shall be as follows.—

    1. Ph. D.
    2. D. Litt.
    3. D. Sc.
    4. LL. D.
    5. D. Th. (Doctor of Theology)

3. The Honorary Degrees shall be conferred by
cellor in the following words :—

> "By the authority given me as Chancellor of this l
> I admit you................to the Honora
> of....................this on account of yoi
> position and attainments."

4. The academic dress for the degree of LL.D.
gown of green silk with full sleeves with wide yello
The hood shall be scarlet silk lined with black velvet.
dress shall be a Dastar or Shamla.

X. Powers of the Principals of the Constituent and

Intermediate Colleges.

1. The Principal shall be the supreme authority in all matters relating to the internal working of the College including the boarding houses.

2. He shall have power to accept or refuse applications for admission to the College and to rusticate, expel or otherwise punish pupils.

3. He shall have authority to make all appointments of non-gazetted officers of the 2nd and 3rd grades in the College.

4. He shall have authority to grant short leave (casual and privilege) or leave on medical certificates upto 3 months in the aggregate to all members of the staff, but acting arrangements should be made by the Council; and all kinds of leave to non-gazetted officers whom he is empowered to appoint, and to make acting arrangements therefor.

5. Proposals for the appointment of officers of the Education Department as part-time lecturers in the Intermediate Colleges of the University should be submitted with the formal consent of the Director, Public Instruction.

6. He shall have authority to make temporary acting arrangements for a gazetted officer, whose absence from duty is due to illness or such other cause over which he has no control.

7. He shall have authority to suspend or dismiss his non-gazetted subordinates, whom he is empowered to appoint.

8. He shall be the only official channel of communication between the University authorities and the members of the staff.

9. He shall appoint to all scholarships reserved for the students of the College and have authority to reduce temporarily the amount of a scholarship, to cancel any appointment to a scholarship, and if circumstances make it necessary, to redistribute the scholarship.

10. He shall have authority to grant casual holidays.

11. He shall have control over the libraries, laboratories and such other institutions in the College and shall have power to

---

* Received the assent of His Exalted Highness the Nizam on the 12th Safar 1338 H., (1st Dai 1329 F.—6th November 1919).

entrust the management of the aforesaid institutions t
more members of the staff competent. to run the institut

12.   He shall have authority to spend all sums grant
budget in accordance with the budget allotment and sl
in the bills direct to the Accountant-General for payn

XI.—POWERS OF THE PRINCIPAL OF THE

ENGINEERING COLLEGE.

1.   He shall have power to accept or to refuse apr
for admission to the college and to rusticate, expel or ⟨
punish students with the sanction of the Pro-Vice-Char

2.   He shall have power to make all appointment:
gazetted officers and the clerical staff of the second a
grades in the Engineering College.

3.   He shall have power to grant all kinds of leav
gazetted officers whom he is empowered to appoint and
acting arrangements therefor.

4.   He shall have power to suspend or dismiss non
subordinates whom he is empowered to appoint.

5.   He shall be the only official channel of comm·
between the University authorities and members of th⟨
the Engineering College.

Note:—This will not imply denial of right to the Professors
lege of direct access to the Pro-Vice-Chancellor.

6. He shall be responsible for the control of expen⟨
the college and for the proper maintenance of accou
shall have authority to spend all sums granted in th⟨
and shall send in the bills direct to the Accountant-G⟨
payment.

7.   He shall enter into, alter and cancel contracts ⟨
of the Engineering College.

8. He shall, subject to the general control and su
of the Pro-Vice-Chancellor, be responsible for the intern:
sation, control and discipline of the Engineering Colleg

9.   He shall have control over the Library, Laborat
Workshops of the Engineering College.

10.   He shall draw up the time-table of the En
College and shall be responsible for the distribution
amongst the staff.

XII. Remuneration to Examiners, Moderators, Invigilators, etc.

1. The following shall be the scale of remuneration for Examiners :—

Matriculation Examination.

	O.S. Rs.		
For setting a 3 hours' paper.	40	0	0
For setting a paper of less than 3 hours.	30	0	0
For valuing each answer-book for which the time allowed is 3 hours.	0	10	0
For valuing each answer-book for which the time allowed is less than 3 hours.	0	8	0
* Practical Test in Domestic Science.	1	0	0

(* Per candidate subject to a minimum of Rs. 25-)

Intermediate Examination.

For setting a 3 hours' paper.	60	0	0
For setting a paper of less than 3 hours.	40	0	0
For valuing each answer-book of 3 hours.	0	14	0
For valuing each answer-book of less than 3 hours.	0	10	0
* For setting the first practical paper in Science subjects.	40	0	0
and			
for other subsequent papers each.	15	0	0
(* Practical Examination in Science subjects per candidate to each Examiner.	1	8	0

Diploma-in-Education Examination.

For setting a paper.	80	0	0
For valuing an answer-book.	1	4	0
* Practical Examination.	3	0	0

(per candidate per Examiner.)

B.A., B.Sc., B.E. (*Part I & II*), LL.B. (*Prev. & Final*), M.B.B.S. (1st & 2nd) Examinations and Diploma Examination in French and German.

For setting a paper.	80	0	0
* For setting a practical paper in Science.	50	0	0

	O.S. Rs.
For valuing an answer-book.	1 4 0
* Practical Examination in Science subjects per candidate to each Examiner, subject to a minimum of Rs. 25|-	2 8 0

Note. 1. Rates for setting papers and valuing answer-books in Subsidiary subjects in B.Sc. Examination will be 10 per cent. less.

2. The Examiner in Drawing for B.E. Examinations will be remunerated at the rate of Rs. 5|- per candidate, subject to a maximum of Rs. 50|-.

M.A., M.Sc., & M.Ed. Examinations.

	O.S. Rs.
For setting a paper.	100 0 0
* For setting a Practical paper in Science subjects.	60 0 0
For valuing each answer-book.	2 0 0
For Viva Voce Examinations.	2 0 0
	(per candidate to each (Examiner subject to a (minimum of Rs. 25).
For reading a Thesis.	50 0 0
	(per Thesis per Examiner).
* Practical Examination in Science subjects. ..	50 0 0
	(per candidate subject to a minimum of Rs. 50|- per Examiner.)

M.B.B.S. (Final) Examination.

	O.S. Rs.
For setting a paper.	100 0 0
* For setting a Practical paper.	60 0 0
For valuing each answer-book.	1 8 0
* Practical Examination.	3 8 0
* Rates of remuneration for conducting practical examinations including charges for valuing the answer-book.	per candidate subject to a minimum of Rs. 50|- per Examiner.)

2. Examiners are requested to furnish a complete English translation of their papers, otherwise a sum of Rs. 10 - will be deducted from the remuneration of setting the paper.

3. If an examiner is unable to value the answer-books after setting a question paper for any reason whatsoever, he shall be entitled to only half the amount of the fees for setting the paper and the other half shall be paid to the examiner who actually values the answer-books.

4. If there are more than one examiner in any paper, the remuneration will be equally distributed.

5. Every external examiner will be paid one first class railway fare each way by the shortest route, irrespective of the class by which he travels. He will also be paid a halting allowance of B. G. Rs. 10 - per day on which an oral or practical examination is held.

6. Moderation of question papers:—Officers of the University will not be paid any remuneration for attending meetings of Boards of Moderators, while members of the Boards who are not in receipt of salaries or allowances from the University will be paid Rs. 10 - for each meeting attended.

7. Proof-reading:—No remuneration will be paid during term time to any one for reading proofs of question papers. The proofs should be read by the examiner himself or by a member of the Board of Moderators deputed by the Head of the Department concerned. During vacations members of the Staff reading proofs in the Press will be paid Rs. 4 - per sitting irrespective of the number of papers read. No payment will be made when papers are read by members of the Staff outside the Press.

8. *Printing of question papers:—*

(*a*). Officers helping the Registrar in the printing of question papers in the University Press shall be remunerated at the rate of Rs. 5 - per diem.

(*b*). Members of the non-gazetted and menial staff of the University Press helping in the printing of papers shall be paid at the rate of half a day's salary for each day of work. *and*;

(*c*). The Foreman of the University Press shall be paid Rs. 50 - for the work he does in connection with the printing of papers.

9. Invigilation:—The scale of remuneration for Chief Superntendents and Invigilators will be as follows:—

(i). *Matriculation Examination.*

			O. S. Rs. per day.		
Chief Superintendents. ..	.. each		10	0	0
Invigilators, Gazetted. ..	.. „		5	0	0
Others, drawing salary up to	Rs. 100.		2	0	0
„ „ „	Rs. 200.		2	8	0
„ „ „ above	Rs. 200.		3	8	0

(ii). *Intermediate & Higher Examinations.*

	2 sittings per diem	*1 sitting. per diem.*
Chief Superintendents. ..	10 ..	7 0 0
Invigilators:—		
(a) Assistant Registrars. ..	5 ..	3 0 0
(b) Junior Lecturers *each* ..	3 ..	1 8 0

Note:—(a) Payments will be made at these rates for Invigilation at Intermediate and Higher Examinations when an examination is held during vacations. No payment will be made under this head when examinations are held in term time.

(b) At the Science Practical Examinations, the number of Invigilators should be as follows:—

Intermediate.	..	..	1 for 25 students.
B.Sc. ..	..	..	1 for 20 students.
M.Sc. ..	..	..	1 „ „

They together with the Invigilators at the Practical tests in the M.B.B.S. and B.E. Examinations, will be paid in accordance with the rate prescribed for Invigilators at the written examinations.

(iii). The Office Superintendents and clerks working at the examination centres, in addition to their own regular duties, will be paid daily allowances in accordance with the following scale during the examination days:—

			per day.	
(a). Those drawing a salary of	Rs. 200 or above—	Rs. 2	0
(b). „ „	Rs. 100 or above—	Rs. 1	8
(c). „ „	below 100 ..	—Rs. 1	0

10. **Payments to staff of Laboratories:**—No extra remunera-tion will ordinarily be paid to the staff, clerks and menial ser-vants of the various Science Departments of the University on account of work done in connection with Practical Examinations, but an exception will be made in the case of Laboratory Assis-tants in the (Rs. 125-200) or (Rs. 90-120) grades, Laboratory Attendants and Peons who have to work extra hours during exa-mination days in the preparation of chemicals, apparatus, etc., but the number of persons so employed should be as small as possible. These persons when doing extra work will be paid an over-time allowance equivalent to half a day's pay for each day on which a Practical Examination or Examinations are held. The number of days for which the over-time allowance is paid, can be increased by a maximum of two, if their services are required in connection with preparation, cleaning of apparatus, etc., before and after the examinations. Photo-graphers, Museum-Keepers, Mechanics, Malis, Sweepers and other menial servants will not be eligible for any allowance.

11. The Clinical Assistants (servants of the Hospital) will be paid a daily allowance equal to one days' salary, not exceeding Rs. 5|- per day, for assisting in the M.B.B.S. Clinical Examina-tions.

XIII. *Examination Fees.*

		Rs.
Matriculation Examination (Arts and Theology) :—		
(a) Students of recognized High Schools		12
(b) Private Students		16
(c) Those who have passed the Maulvi or Munshi Examination of His Exalted Highness the Nizam's Government appearing in English only		5
Intermediate Examination (Arts and Theology) ..		24
Intermediate (Science)		26
B.A. Degree Examination (Arts and Theology) ..		32
B.Sc. Degree (Science)		36
M.A. (Previous and Final) Examinations		30
M.Sc. (Previous and Final) Examinations		35
Ph.D. Examination		100
Diploma in French & German Examinations each ..		5

FACULTY OF LAW

LL.B. (Previous)				30
LL.B. (Final)				30

FACULTY OF MEDICINE

M.B.B.S.—

			Rs.
First two M.B.B.S. Examinations	..	each	30
Third M.B.B.S. Examination	.. ..	..	50
Appearing in Group only	.. ..	..	30

FACULTY OF ENGINEERING

B.E.—

Part 1 Examination	.. ..	..	30
Part II Final Examination	.. ..	..	40

FACULTY OF EDUCATION

Diploma in Education	..	..	..	.. 40
M.ED. Examination	..	..	..	.. 50

XIV. TRAVELLING AND HALTING ALLOWANCES.

The members of the Senate and other University Bodies residing in the mofussil shall be paid travelling and halting allowances at the following rates:—

(*i*) Single first class fare each way, and Rs. 10 per diem for days on which meetings are held.

(*ii*) Single third class fare each way for servants.

XV. DUPLICATES OF THE UNIVERSITY CERTIFICATES.

Duplicates of University Certificates or Diplomas shall not be granted except in cases in which the Syndicate is satisfied by the production of an affidavit or otherwise (duly certified by the Headmaster or Principal of a recognised High School or College, or a Divisional Inspector or District Inspector of Schools of His Exalted Highness' Government), that the applicant has lost his certificate or diploma, or that it has been destroyed. In such cases a duplicate of a certificate the original of which was signed by the Registrar, may be granted on payment of a fee of Rs. 5; and a duplicate of a certificate or diploma the original of which was signed by the Chancellor, on payment of a fee of Rs. 10, and all such cases shall be notified in the Government Gazette.

XVI. MIGRATION, AGE AND PROVISIONAL CERTIFICATE.

Migration and Provisional Certificates will be issued to the candidates on payment of the following fee:—

Migration Certificate :—

Rs. 2 before admission to a College and Rs. 5 after admission.

Age and Provisional Certificate.   Re. 1

XVII. REGISTRATION FEE.

A registration fee of Rs. 10 shall be charged by the University from all students migrating to this University from other Universities or joining the University after obtaining a High School Certificate issued by a H. S. L. C. Board in British India.

XVIII. UNIVERSITY LOAN FUND.

1.   That a sum of B.G. Rs. 25,000 be set apart for this Fund.

2.   That only competent and brilliant members of the staff shall be eligible for loans for study in foreign countries, provided they have put in at least 5 years' service and their services can be spared by the Department concerned.

3.   That the maximum amount of a loan shall be B.G. Rs. 10,000.

4.   That loans shall be given on the security of Promissory Notes, Railway Shares, Mansabs, Insurance Policies, to the extent of ⅔ their surrender value Postal Cash Certificates and immovable property (1½ of the value of the loan).

5.   That interest at the rate of 4½ per cent. shall be charged on all advances made.

6.   That the loan should be repaid at the rate of 25 per cent. of the salary for each month, the maximum period of repayment being 12 years.

7.   That the University shall not be responsible for giving any promotion on the basis of additional qualification secured.

8.   That before payment of the loan, the loan-holder shall execute an agreement to the effect that he shall bind himself to serve the Government on whatever salary offered till the whole amount is repaid or for five years which ever period may be longer, and in default he shall refund at once in one lump sum the whole amount remaining due with compound interest at 8 per cent.

9.   That the loan will be paid in quarterly instalments, the first including passage money and B.G. Rs. 500 for outfit, which shall be paid after the agreement and surety bonds have been executed.

XIX. SCHOLARSHIPS, APPRENTICESHIPS, FELLOWSHIPS, MEDALS, PRIZES, BURSARIES AND FREESHIPS.

1. *Scholarships:—*

Faculties of Arts and Science.

Intermediate ..   One of Rs. 20 per mensem to be given to the student standing first in the Matriculation Examination, and two of Rs. 15 per mensem each to the students standing second and third provided they pass the examination in the first division.

Eight of Rs. 15 per mensem each to the students standing first in the following subjects provided that they have passed in the first division in the subject and at least in the second division in the whole of the examination.

(1) English, (2) Theology, (3) Morals (4) Arabic, (5) Sanskrit, (6)* Elementary Mathematics, (7) *Higher Mathematics and (8) Science.

B.A. and B.Sc. ..   One of Rs. 25 per mensem to student standing first in the Intermediate Examination, and two of Rs. 20 per mensem each to students standing second and third provided they pass the examination in the first division. Twenty-two of Rs. 18 per mensem each to students standing first in the following subjects provided that they have passed in the first division in the subject and at least in the second division in the whole of the examination:—

English, Theology, Morals, Mathematics, Physics, Chemistry, Biology, Geology, Urdu, Arabic, Persian, Sanskrit, Economics, Sociology, History of Islam, History of England, History of India, Logic, Psychology, Marathi, Kanarese, and Telugu.

M.A. and M.Sc. .. Two of Rs. 40 per mensem each to the students standing first in the Arts and Science subjects respectively in the B.A. & B.Sc. Examination, provided they pass the examination in the first division.

---

*To candidates who pass under the new rules..

12 of Rs. 30 per mensem each to the students standing first in the following subjects respectively, provided that they have passed in the first division in the subject and at least in the second division in the whole of the Examination :—

English, Arabic, Sanskrit, Persian, Modern Languages (Urdu, Marathi, Telegu, and Kanarese), History, Philosophy, Physics, Chemistry, Botany, Zoology, and Mathematics.

Faculty of Theology.

Intermediate .. One of Rs. 20 per mensem to the student standing first in the Matriculation Examination and one of Rs. 15 to the student standing second provided they pass the examination in the first division.

One of Rs. 15 per mensem to the student standing first in Arabic provided he has passed in the first divisnon in the Subject, and at least in the second division in the whole of the examination.

B. A. .. One of Rs. 25 per mensem to the student standing first in all the subjects in the Intermediate Examination, and passing the examination in the first division.

One of Rs. 20 per mensem to the student who stands second in all the subjects and also passes the examination in the first division.

Five of Rs. 18 per mensem to the students standing first in Arabic, Fiqah and Usul-i-Fiqah, Hadis, Tafsir and Kalam provided they have passed in the first division in the subject and atleast in the second division in the whole of the examination.

M. A. .. One of Rs. 40 per mensem to the student who stands first passing the B. A. Examination in the first division.

Faculty of Law.

One of Rs. 30 per mensem to the student standing first in the LL.B. Previous Examination, provided he passes the examination in the first division.

Two of Rs. 25 per mensem each to the students standing second and third in the LL.B. Previous Examination, provided they pass the examination in the first division.

Faculty of Engineering.

1st Year .. One of Rs. 30 per mensem for the student who stands first in the Competitive Entrance Examination.

One of Rs. 30 per mensem for the student who stands second in the Competitive Entrance Examination.

One of Rs. 25 per mensem for the student who stands third in the Competitive Entrance Examination.

2nd Year .. One of Rs. 30 per mensem for the student who stands first on the combined results of the 1st. and 2nd. Terminal Examinations of the preceding year.

One of Rs. 25 per mensem to the student who stands second on the combined results of the 1st. and 2nd. Terminal Examinations of the preceding year.

One of Rs. 25 per mensem for the student who obtains the highest number of marks in the Engineering subjects on the whole, provided he does not secure scholarships (1) and (2) in which case it will be awarded to the next best.

3rd Year .. One of Rs. 35 per mensem for the student who stands first in the Part. I. University Examination.

One of Rs. 30 per mensem for the student who stands second in the Part. I. University Examination.

One of Rs. 25 per mensem for the student who obtains the highest number of marks in Mathematics in the Part. I. University Examination, provided he does not secure scholarship No. (1) or (2) in which case it will be awarded to the next best.

Faculty of Medicine.

Rs. 9840|- per annum to be distributed at the discretion of the Principal.

Research Scholarships.

Six Reseach Scholarships of Rs. 50,- per mensem each for three years for deserving students working for the Ph.D.

Three Research Scholarships of Rs. 50,- per mensem each for two years for Research workers in Telegu, Marathi, and Kanarese.

Taimuri Scholarship.

Rs. 50|- per mensem for the student belonging to the ex-Royal family of Delhi.

Vitthal Datatriya Hardikar Memorial Scholarship.

About Rs. 9|- per mensem for that student in the last year of the Civil Engineering Course who has scored the highest number of marks on the whole in the previous year's annual examination of the Engineering College.

N.B:—(a) The merit scholarships will be awarded to students only if they join the University for higher studies in the subjects in which they have obtained merit.

    (b) When a student is eligible for more than one scholarship, he should be given, according to the existing practice, the scholarship carrying the highest amount or any other which he may choose, while other scholarships may be given to those immediately following him, provided they satisfy the conditions of such award.

N.B:—(a) The holder of a Research Scholarship shall devote his whole time for the Research work and shall not accept any other job or appointment during the period for which he has been awarded the said Scholarship.

    (b) In case the holder of a Research Scholarship discontinues the work before the expiration of the period for which he has been awarded the said Scholarship, he shall bind himself and his heirs, and shall assign and agree to refund, at the discretion of the Pro-Vice-Chancellor of the Osmania University, the entire amount of the Scholarship drawn by him till the date of discontinuance of the work, in a lump sum or in instalments as may be fixed by the Pro-Vice-Chancellor, and in the latter case give such reasonable security as may be demanded for the due payment of such instal--ments.

2. APPRENTICESHIPS.

(*B.E. IV. Year Students under Practical Training*)

1. One apprenticeship of Rs. 150|- per mensem is award only to the student who, in the opinion of the Engin ing College Board, is considered the most deserving the whole career.

2. Six apprenticeships of Rs. 50|-each per mensem are a ded so as to ensure preferential treatment in their o of merit to students who have not taken more than prescribed time of three years to complete the course.

3. FELLOWSHIPS.

Four Fellowships of Rs. 150|- per mensem each are aw to such persons as have already secured the Doctorate fc search.

4. MEDALS.

1. Sir Akbar Hydari Gold Medal of Rs. 27-8 ; awarded year to the candidate who passes the B.A. Exami with the highest percentage of marks and is pla the First Division.

2. Sir Akbar Hydari Gold Medal of Rs. 46 ; awarded year to the candidate who stands first in the B.S(mination.

3. Sir Akbar Hydari Gold Medal of Rs. 46 ; awarded year to the candidate who stands first in the M Examination.

4. Sir Akbar Hydari Gold Medal of Rs. 46 ; awarded : ly to the candidate who passes the B.E. Part. II. nation in the First Class and also stands first order of merit.

5. Sir Akbar Hydari Gold Medal of Rs. 46 ; awarde year to the candidate who stands first in Di' Examination.

6. Khan Bahadur Ahmad Alladin Gold Medal of awarded annually to the lady candidate who p: Intermediate Examination with the highest pe of marks.

7. Khan Bahadur Ahmad Alladin Gold Medal of Rs. 27; awarded every year to the candidate who passes the B.A. Examination (Faculty of Theology) with the highest percentage of marks and is placed in the First Division.

8. Khan Bahadur Ahmad Alladin Gold Medal of Rs. 27.8; awarded every year to the lady candidate who passes the B.A. Examination with the highest number of marks.

9. Roscoe Allen Gold Medal of Rs. 22; awarded every year to the successful candidate of the B.E. Part. II. Examination obtaining highest number of marks in the subject of Hydraulics.

10. Nawab Rustum Yar Jung Memorial Gold Medal of Rs. 55; awarded every year to the successful candidate who stands first in Surgery in the M.B.B.S. Final Examination.

11. Lt. Col. Farhat Ali Gold Medal of Rs. 33; awarded every year to the successful candidate who stands first in Anatomy in the First M.B.B.S. Examination.

12. Moulvi Mohd. Murtaza Gold Medal of Rs. 16.8; awarded annually to the candidate who stands first in the B.A. (Islamic History)., Examination.

13. Miss Jarbanoo Parakh Gold Medal of Rs. 27.8; awarded every year to the candidate who stands first in Midwifery in the M.B.B.S. Final Examination.

14. Nawab Karamat Jung Gold Medal of Rs. 72; awarded every year to the candidate for the B.E. Examination who stands first on the basis of his three year's career in the Engineering College and is recommended for the guaranteed post.

5. Prizes.

I. *Moulvi Abdul Haq Prize* :—

Donor : Sir Akbar Hydari, Hyder Nawaz Jung Bahadur.
Value of the endowment : 3 per cent. Government Securities of the face value of Rs. 500.

Award : a Prize.

(a) The net income accruing from the afore-said promissory notes shall be applied to award a prize to be called "The Moulvi Abdul Haq Prize".

(b) The Registrar, Osmania University, shall be the administrator of the said fund.

(c) The Prize shall be awarded annually to the stuc
of the Aurangabad Intermediate College who sta
first in Urdu in the Intermediate Examination of
said institution, and who joins the Osmania Uni
sity for the prosecution of higher studies.   The F
shall be awarded in cash.

II. *Mackenzie Memorial Prize*:—

Donors: (*i*) The Osmania University.   (Rs. 500).

(*ii*) Members of the University Staff. (Rs. 3¶
Value of the endowment: 3   per cent. Government ¶
rities of the face value of Rs. 800.

Award: *a prize.*

(*a*) The net income accruing from the afore-said pr
sory notes shall be applied to award a prize
"The Mackenzie Memorial Prize".

(*b*) The Registrar, Osmania University, shall be tl
ministrator of the said fund.

(*c*) The Prize shall be awarded annually to any st
of Economics of the University who presents tl
thesis which embodies the results of his econor
quiry into a particular village or industry
Prize may be either in the form of books or of
medal according to the wishes of the winner.

N.B.—Theses written for obtaining the M.A. degree in Econor
not be accepted for the prize-contest.

6.   *Bursaries and Freeships.*

1.   In the Intermediate and B.A. classes of the C
University the number of bursary-holders and f
dents taken together shall not exceed 30 per cent
total strength of a class at the time of the award o
ries or freeships.   In the M.A. and M.Sc., classes t
ber of bursary-holders and freeship-holders taken
shall not exceed 40 per cent. of the total strength c
at the time of award.   The number thus arrived
form the maximum for the whole year for the cla

2.   In awarding bursaries, Principals should take
sideration merit and the financial state of the sch(

3. The value of a bursary in the various classes will be as under :—

Arts. Science & Theology Faculties.

Intermediate..	Day scholars	.. Rs. 6|-p.m.	
	Boarders	.. Rs. 10|-p.m.	..
B.A. or B.Sc...	Day scholars	.. Rs. 8|-p.m.	
	Boarders	.. Rs. 12|-p.m.	..
M.A. or M.Sc...	Day scholars	.. Rs. 15,-p.m.	
	Boarders	.. Rs. 20|-p.m.	..

Preference will be given to boarders.

4. A bursary—or a merit scholarship-holder need not necessarily be a free student.

5. The Heads of Institutions will be empowered to split free-ships into half free-ships in special cases.

N.B.—For the purpose of Rules 1 & 5 two half-free students will count as one free student.

6. Bursaries should be awarded and freeships allowed in the first instance for one academic year only, subject to the student's work, attendance at lectures and conduct being satisfactory, failing which the heads of institutions will be empowered to reallot the bursaries and freeships to more deserving students of the class.

XX RULES FOR THE DEPUTATION OF MEMBERS OF THE STAFF OF THE UNIVERSITY TO MEETINGS OF LEARNED BODIES :—

(1) In making selections preference will be given to those who read papers at Conferences to those who do not.

(2) Members of the Teaching Staff deputed to attend the meetings of the learned bodies shall be paid travelling and halting allowances according to the C.S.R.

N.B.—In case of persons going to places out of India, recommenda-
tions re. T. A. etc. will be made with special reference to tne
country visited.

(3) Delegation may be sent usually to the following Con-
ferences, but it will be open to the University to
decide, as to which Conferences Delegates should
be sent in a particular year :—

(1) Indian Science Congress.

(2) Indian Philosophical Conference.

(3) All-India Oriental Conference.

(4) Indian Economic Conference.

(5) Indian Historical Record Commission.

(6) Indian Medical Research Workers' Con-
ference.

(7) Inter-University Board.

(4) Conferences should be given formal intimation of the
names of the delegates sent by the University.

(5) The Pro-Vice Chancellor may depute to any Con-
ference one person from each teaching depart-
ment of the University, but in case it is sought
to depute more than one person from a teaching
department, the permission of His Excellency the
President should be obtained.

(6) Members of the Teaching Staff are permitted to attend
the meetings of Examiners' Committees or Aca-
demic Bodies of other Universities; but the period
of their absence would be counted in the 15 days'
casual leave which they, according to the Rules.
are entitled to. If, however, they are not enti-
tled to casual leave, the Pro-Vice-Chancellor may
sanction extra casual leave for a period not ex-
ceeding seven days, provided no acting arrange-
ment is made in their absence which would in-
cur and expenditure. No travelling allowance
will be paid to the members of the Staff referred
to above.

XXI. University Extension Lectures.

1. Lectures shall be arranged by a board, which will be constituted every two years, and for the present consists of the following with powers to co-opt:—

Pro-Vice-Chancellor.

Secretary, Educational Department.

Principal, Medical College.

Principal, Engineering College.

Registrar, Osmania University.

Mr. Ghulam Yazdani, M.A., F.R.A.S.B., O.B.E.

Prof. Hosain Ali Khan, B.A. (Oxon), Bar-at-Law.

Prof. Haroon Khan Sherwani, M.A, (Oxon), Bar-at-Law.

Dr. Muzaffaruddin Qureshi, M.SC. (Punj.), Ph.D. (Berlin).

Dr. Abdul Haq, B..Litt., D.Phil. (Oxon).

Dr. M. Nizamuddin, Ph.D. (Cantab).

Mr. R. Subba Rao.

Dr. A. Sharma, M.A. (Alld.), D.Phil. (Munich).

2. Arrangements for delivering extension lectures shall be made in consultation with the Principals of the various Colleges for one extension lecture being delivered every academic year on each of the following subjects:—

Engineering, Medicine, Biology, Zoology, Geology, Physics, Chemistry, Mathematics including Astronomy, History, Urdu, Persian, Arabic, Philosophy, Law, Sanskrit, Telugu, Marathi, Kanarese.

3. Not more than 12 extension lectures shall be delivered annually during the last two weeks of each term. Written copies of the lectures, which will ordinarily be in Urdu, should he deposited with the Registrar, and published in book form at the discretion of the University so as to reach a wider audience.

4. Foregin scholars may be invited to deliver lectures on the recommendation of this Board. The lectures delivered shall be the property of the University and shall not be published without its permission. The lecturers shall be paid only

their honorarium sanctioned for the lectures and the Univ
sity will not be responsible for the boarding, halting or oth
charges.

XXII. *Excursions and Instructional Tours.*

1. Students on excursions and instructional tours shall
paid the actual third class railway fares on concession rat
whenever available by railway . The expenses for boarding a
lodging should be borne by the students themselves, but in ca:
of emergency, the lodging expenses may be borne by the instr
tions to which they belong.

2. The gazetted members of the Staff accompanying t
students should be paid second class single fare each way, b
they may be persuaded to travel with the students in the thi
class. No deductions should however be made from the travelli
charges of these members of the Staff even when they travel
third class in company with the students. They should be pa
daily allowances according to the Civil Service Regulations.

8. THE UNIVERSITY COLLEGE.

Staff.

DEPARTMENTS OF ARTS AND SCIENCE.

BOTANY.

Professor	.. Prof.	Sayeeduddin, B.SC. (Bombay), M.A. (Edin).
Lecturer	.. Mr.	Abdul Bari, M.SC. (Bom.).
Do	.. Mr.	Abdus Salam, M.SC. (Osmania).

CHEMISTRY.

Professor	.. Dr.	Muzaffaruddin Qureshi, M.SC. (Punj.), Ph.D. (Berlin).
Do	.. Prof.	Mahmud Ahmad Khan B.SC. (Allahabad).
Reader	.. Dr.	Nazir Ahmad Tahir, M.SC., (Osmania). Ph.D. (London).
Lecturer	.. Mr.	Illundla Sita Ram Rao, B.A. (Osmania), M.SC. (Dacca).
Do	.. ,,	Khalilur Rahman, M.SC. (Osmania).
Do	.. ,,	Syed Shah Muhammad, M.SC. (Osmania).
Do	.. ,,	Sharfuddin, M.SC. (Alig).

ECONOMICS.

Prof.-in-charge	.. Prof.	Habib-ur-Rahman, M.A., LL.B. (Alig), B.SC. Hons. (Lond.), (on deputation).
Do	.. Dr.	Anwar Iqbal Qureshi, M.A. (Punjab), M.SC. (London.), Ph.D. (Dublin.), (Offg.).
Lecturer	.. Mr.	Akhtar Hosain, M.A., LL.B. (Lucknow), L.T. (Allahabad).
Do	.. ,,	Mhd. Abdul Qadir, B.A. Hons. (Mad.), B.SC. Hons. (London).
Do	.. Mr.	M. Nasir Ali, M.A. (Osmania).
Junior Lecturer	.. ,,	Imtiaz Husain Khan, B.Com. Hons. (London).

SOCIOLOGY.

Reader	.. Dr.	Jafar Hasan, Ph.D. (Heidelberg).

ENGLISH.

Professor	..	Prof. Hosain Ali Khan, B.A. (Oxon.), Bar-at-Law.
Do	..	,, F. J. A. Harding, B.A., Dip.-in-Edn. (Oxon.). (On deputation).
Do	..	,, T. Virabhadrudu, M.A., L.T. (Madras).
Reader	..	Mr. M. S. Doraswamy, M.A., L.T. (Madras), B.A. Hons. (Oxon).
Lecturer	..	,, Aziz Ahmad, B.A. (Osm.), B.A. Hons. (Lond.), (on deputation).
Do	..	,, Mazhar Ali Khan, M.A. (Alig.), M.A. (Dacca), M.A. (Nagpur), B.A. (Cantab.). (Offg.).
Do	..	,, V. S. Krishnan, B.A. Hons. (Mad.), B.A. Hons. (Oxon).
Do	..	,, J. J. Sebastian, M.A. (Nagpur), M.A. (Madras).
Junior Lecturer	..	,, Khaja Barkatullah, M.A. (Alig).
Do	..	Dr. Wahiduddin, B.A. (Osm.), Ph.D. (Marburg).
		Mr. K. N. Acharaya, M.A. (Mysore).

HISTORY.

Professor	..	Prof. Haroon Khan Sherwani, M.A. (Oxon.). Bar-at-Law.
Do	..	,, Md. Jamilur Rahman, M.A. (Punjab).
Do	..	,, K. C. Roy Saksena, M.A. (Allahabad).
Reader	..	Dr. Yusuf Husain Khan, D.Litt., (Paris).
Do	..	,, Ishwarnath Topa, Ph.D. (Freiburg).
Do	..	Mr. Abdul Majid Siddiqi, M.A. (Osmania).
Lecturer	..	,, Syed Sirajuddin Ahmad, M.A. (Osmania). (Research Scholar).

ARABIC.

Professor	..	Dr. Abdul Haq, B. Litt., D.Phil. (Oxon).
Reader	..	Maulvi Syed Ibrahim, (Kamil).
Lecturer	..	Mr. Saif bin Sultan Husain al Qaiti, M.A., LL.B.
Do	..	Maulvi Syed Nabi.

FRENCH.

Lecturer	..	Dr. Yusuf Husain Khan, D.Litt. (Paris).

GERMAN.

Lecturer   .. Dr.   Jafar Hasan, Ph.D. (Heidelberg).

KANARESE.

Lecturer   .. Mr.   D. K. Bhimsen Rao, M.A. (Mysore).
Do   ..   ,,   Ramchander Rao Patwari, B.A. (Osm.)
           M.A. (Mysore).

MARATHI.

Lecturer   .. Mr.   R. M. Bhusari, M.A. (Calcutta). M.A. (Nagpur).
Junior Lecturer .. Mr.   Narayan Rao Nandapurkar, M.A. (Bom.).
Part-time Lecturer   ,,   C. N. Joshi, M.A. (Bom.).

PERSIAN.

Professor   .. Dr.   Md. Nizamuddin, Ph.D. (Cantab).
Reader   .. Maulvi Abdul Hameed Khan Saheb, M.A.
Do   .. Dr.   Qari Kalimullah Husaini, M.A., LL.B. (Osm.), Ph.D. (London).
Lecturer   .. Mr.   Latif Ahmad Faruqi, M.A., LL.B.

SANSKRIT.

Reader   .. Dr.   Aryendra Sharma, M.A. (Alld.) D.Phil. (Munich).
Junior Lecturer .. Pandit Vansidhar.

TELEGU.

Reader   .. Mr.   R. Subba Rao Kavi Bhushan Shitya Stapaka.
Junior Lecturer ..   ,,   Lakshminarayana, M.A. (Andhra).
Part-time Lecturer   ,,   Sita Ramaya, M.A. (Madras).

URDU.

Professor   .. Dr.   Ghulam Mohiuddin Qadri Zore, M.A. (Osm.), Ph.D. (Lond).
Reader   Dr.   Syed Sajjad Husain, M.A. (Allahabad). Ph.D. (London).
Lecturer   .. Mr.   Abdul Qadir Sarwari, M.A., LL.B. (Osmania).
Junior Lecturer ..   ,,   Abdul Qayyum Khan Baqi, M.A. (Osmania).

MATHEMATICS.

Professor	..	Prof. Qazi Mohamad Husain, M.A. (Punjab), B.A., LL.B. (Cantab.).
Do	..	,, Kishen Chand, M.A. (Cantab.).
Do	..	Dr. M. Raziuddin Siddiqi, B.A. (Osmania), M.A. (Cantab.), Ph.D. (Leipzig), D.SC. (Osm.).
Reader	..	Mr. Shaikh Barkat Ali, M.A. (Osmania).
Do	..	,, Khawaja Mohiuddin, M.A., L.T. (Mad.).
Lecturer	..	,, B. P. Venkat Chari, M.A. (Osmania), Research Scholar.
Junior Lecturer	..	,, Syed Abbas Hasan Razvi, M.A. (Osm.).

PHILOSOPHY AND MORALS.

Professor	..	Dr. Khalifa Abdul Hakim, M.A., LL.B. (Punjab), Ph.D. (Heidelberg).
Reader	..	,, Mir Valiuddin, M.A. (Osm.), Ph.D. (London).
Lecturer	..	Mr. Shiv Mohan Lal, B.A. (Osm.), M.A. (Alig.).
Do	..	,, Salahuddin, B.A. (Osm.), M.A. (Dacca).
Do in Morals	..	,, Khwaja Abdul Quddus, M.A. (Osm.).

PHYSICS.

Professor	..	Prof. Wahidur Rahman, B.SC. (Calcutta).
Reader	..	Mr. Nasir Ahmad, M.A., B.SC. (Allahabad).
Do	..	Dr. Syed Mehdi Ali, B.A. (Madras), Ph.D. (Germany).
Lecturer	..	Mr. Muhammad Yunus Vafaqani, B.A. (Osmania). M.SC. (Dacca).
Do	..	Dr. Haji Ghulam Mohamed M.SC. (Osm.), D.SC. (Allahabad).
Do	..	Mr. Sayyid Ahmad Qadri, B.SC. (Hons.) (Manchester). (on deputation).
Do	..	Dr. N. Ram Lal, B.A. (Osm.), M.SC. (Alig.), Ph.D. (London).
Do	..	Mr. R. Satyanarayan, B.A., BSC. (Hons.), A.R.C.S. (London).
Junior Lecturer	..	,, Srinivas Iyengar, M.SC., Dip-in-Ed. (Osmania).

ZOOLOGY.

Professor	.. Dr.	B. K. Das, D.Sc. (London).
Lecturer	.. Mr.	Muhammad Rahimullah, M.Sc. (Osm.), (on deputation).
Do	.. ,,	Satyanarayan Singh. M.Sc. (Alig.).
Do	.. ,,	Mohd. Mohsin, M.Sc. (offg.).

DEPARTMENT OF MUSLIM THEOLOGY.

Professor	.. Maulvi Syed Manazir Ahsan Gilani.
Reader	.. Dr. Zahiruddin Ahmad, M.A., L.T., D. Litt. (Egypt).
Reader	.. Maulvi Abdul Bari Nadvi.
Lecturer	.. Maulvi Syed Osman Jafari, Afzal-ul-Ulama.
Do	.. Mr. Abdul Qadir Siddiqi, M.A. (Osm.).
Do	.. Maulvi Fazal Ahmad Saheb, B.A. (Osm.).
Do	.. Maulvi Muhammad Ali Saheb.
Do	.. Maulvi Muhammad Hosamuddin Saheb.
Junior Lecturer	Maulvi Yakoobur Rahman Saheb.

DEPARTMENT OF LAW.

Professor	.. Prof. Hosain Ali Mirza, Bar-at-Law.
Reader	.. Mr. Mir Akbar Ali Musavi, B.A., (Hons.), (Bombay), LL.B. (Alig.).
Lecturer	.. Dr. Hamidullah, M.A., LLB. (Osmania), Ph.D. (Bonn.), D.Litt. (Paris).
Part-time Lecturer	Mr. Kalimuddin Ansari, B.A., LL.B. (Osm.).
Do	.. ,, Badruddin Khan, Bar-at-Law.
Do	.. ,, Suryanaryana Rao, B.A., M.L. (Mad).
Do	.. ,, Pingal J. Reddy, B. Com. (Leeds), B.A., LL.B. (Cantab), Bar-at-Law.

Terms.

1st Term.

29th June to 18th September.

Recess :—

19th September to 20th September.

2nd Term.
  21st September to 16th December.
Winter Vacations:—
  17th December to 5th January.
3rd Term.
  6th January to 7th April.
Summer Vacations :—
  8th April to 28th June.

Fees.

Intermediate	..	Rs. 60	per annum
B.A.	..	Rs. 80	do
M.A. OR M.Sc.	..	Rs. 100	do
LL. B.	..	Rs. 80	do
Ph.D.	..	Rs. 120	do

Residence.

The University aims at providing residential accommodation for its students. There are five Hostels which provide accommodation for about 500 students. These Hostels which are lighted with electricity and are provided with modern sanitary conveniences are now entirely full. In addition to the College fees, the boarders pay an inclusive charge of Rs. 19 per mensem which covers dining hall establishment, light, water and other charges. No charge is made for rent, medical assistance or for medicines. Students of all communities live amicably together as no Hostel is reserved for a particular community. Each Hostel is managed by a Warden.

Library, Museum, Laboratories, etc.

Librarian   .. Yusufuddin Ahmad Siddiqi, B.A. (Osm.).

The University Library, which contains 22,245 English and 26,350 Oriental books, is being constantly augmented. There is a small Library attached to the Translation Bureau, containing 4,602 books. There are Seminar Labraries attached to each department of study. The Staff of the University has also access to the Government Asifia Library which is very rich in Arabic and Persian MSS., besides containing a large and valuable collection of State archives relating to the history of Central and Southern India known as the Daftar-i-Diwani and Daftar-i-Mal in the Finance Office.

The University College has well-equipped Physics, Chemistry, Botany and Zoology Laboratories.

Number of Students for 1350-51 F.

	Faculty of Arts	Faculty of Theology	Faculty of Science	Faculty of Law
1st Year	247	19	..	
2nd Year	299	20	..	
3rd Year	167	8	..	
4th Year	177	9	..	
5th Year (M.A.)	23	3	..	
6th year („)	20	1	..	
B. Sc. Junior	..	..	66	
B. Sc. Senior	..	..	86	
5th Year (M.Sc.)	..	..	19	
6th Year („)	..	..	11	
LL.B. (Previous)	..	..		80
„ (Final)	..	..		44
P.W.D. (1st year)	4	2		
" (2nd year)	3	2		
" (3rd year)	1	..		
Total	941.	64	182	124

Subjects taught.

English, Muslim Theology, Morals, Arabic, Persian, Sanskrit, French, German, Urdu, Marathi, Telugu, Kanarese, History (India, England, Islam, Ancient, Medieval and Modern Europe), Economics, Sociology, Mathematics, Physics, Chemistry, Biology, Geology, Logic, Philosophy and Law.

Provision for Research.

The University Library and Laboratories are well equipped and provide ample facilities for original work in many subjects such as, History, Philosophy, Persian, Arabic, Urdu, Telugu, Marathi, Kanarese, Sanskrit, Theology, Chemistry, Physics, Botany and Zoology. A candidate has to submit a thesis for his M.A. or M.Sc. degree . The degree of PH.D. has been instituted in the Faculties of Arts, Science and Theology. Research Scholarships of the value of Rs. 50 per mensem are granted to deserving students, working for PH.D. degree. Special Scholar-

ships are set apart for Research in Telugu, Marathi and Kanarese. The Research Journal of the Osmania University, issued once a year, publishes the original work carried out by members of the staff and the research students.

9. WOMEN'S COLLEGE

PRINCIPAL

Begam Zain Yar Jung, B.A. Hons. (Cantab.).

ENGLISH.

Lecturer	..	Mrs. Douglas Pulleyne, A.L.C.M., C.C.M., F.R.G.S.
Do	..	Miss. Lilamani Naidu, B.A. Hons. (Oxon).
Junior Lecturer	..	Mrs. Abid Husain, M.A. (Osmania).
Do	..	Miss Afsarunnisa Begam Saheba, M.A
Part-time Lecturer		Mr. M. S. Doraiswamy, M.A., L.T. (Madras), B.A. Hons. (Oxon).
Do	..	Mr. V. S. Khrishnan, B.A. Hons. (Mad.), B.A. Hons. (Oxon).

ECONOMICS AND HISTORY.

Reader	..	Mrs. Gibbs, B.A. (Mysore).
Do	..	Vacant.
Lecturer		Vacant.
Junior Lecturer	..	Miss. Mukta Bai, M.A., L.T. (Madras).
Do		Salamatunnisa Begam Saheba, B.A. (Osmania).
Part-time Lecturer		Dr. Anwar Iqbal Quraishi, M.A., (Punjab)., M.Sc. (Lond.), Ph.D. (Dublin).

DOMESTIC SCIENCE.

Junior Lecturer	..	Mrs. Nawab Ali Khan, Diploma of St. Aqne's Training College, Harrogate.
Assistant	..	Zakia Begem Saheba.

MATHEMATICS.

Part-time Lecturer		Mr. Khaja Mohiuddin, M.A., L.T. (Madras).
Do	..	Mr. Shaik Barkat Ali, M.A. (Osmania).
Do	..	,, Mohammad Ali, M.A. (Osmania).
Do	..	,, Mohd. Habibullah, M.A. (Osmania).

BOTANY.

Lecturer   ..   Mahboobunnisa Begam Saheba, M.SC. (Osmania).

PHYSICS.

Lecturer   .. Miss. E. Plowman, M.SC. (Osmania).
Part-time Lecturer Dr. Ram Lal, B.A. (Osm.), M.SC. (Alig.), Ph.D. (London).

CHEMISTRY.

Lecturer   .. Mrs. Sundaram, B.SC. (Lucknow).
Junior Lecturer .. Miss. Rashida Reporter, M.SC. (Osmania).
Part-time Lecturer Dr. Nazir Ahmed Tahir, M.SC. (Osmania), Ph.D. (London).

BIO-CHEMISTRY.

Part-time Lecturer Dr. R. N. Abhyanker, M.B.B.S. (Bombay).

ZOOLOGY.

Lecturer   ..   Badrunnisa Begam Saheba, M.SC. (Osmania).

PHYSIOLOGY.

Part-time Lecturer Dr. S. Abdur Rahman, M.B.,CH.B., D.T.M. & H. (Edin).

PERSIAN.

Lecturer   ..   Rabab Khamum Saheba,
Junior Lecturer .. Zohra Khanam Saheba, B.A. (Osm.).

ARABIC, URDU, THEOLOGY AND ETHICS.

Lecturer   ..   Jafari Begam Saheba.
Do   ..   Jahan Banu Begam Saheba, M.A. (Osmania).

PEDAGOGICS.

Lecturer   ..   Zohra Begam Saheba, B.A. (Osm.). M.Ed. (Leeds).
Part-time Lecturer Mr. Sajjad Mirza, M.A. (Cantab). C.T., (Lond.).

Part-time Lecturer	Mr.	Malik Sardar Ali, B.A., B.T. (Dacca).
Do	.. Mr.	Mir Ahmad Ali Khan, M.A., M.Ed., (Leeds)., Bar-at-Law.
Do	.. Dr.	D. D. Shenderkar, B.A., B.T. (Dacca), T.D., Ph. D. (Lond.).
Do	.. Mr. "	Mulla Fakhrul Hasan, B.A., B.T. (Alld.) Abdur Rahman.
Do	..	Shaik Samiulla, T.C. (Madras). (Madras).
Do	.. "	Abdul Qadir Beg, Drawing Advance, (Madras).

Four Woman Graduates.

PHYSICAL INSTRUCTOR.

Whole-time	..	Vacant.
Part-time		Najmunnisa Begam Saheba, M.A. (Osm.), B.P.T.C.

Subjects Taught.

English, Theology, Morals, Arabic, Persian, Urdu, Economics, History, Mathematics, Physics, Chemistry, Botany, Zoology, Physiology, Bio-Chemistry, Domestic Science and Pedagogics.

Residence

The College has a separate hostel of its own which provides opportunities for the development of corporate activities of students.

10. INTERMEDIATE COLLEGES.

(1) CITY INTERMEDIATE COLLEGE.

Principal.

Mr. Syed Mohamad Azam, M.A. (Cantab), B.SC. Hons. (Lond.), F.C.S., E.E.

ENGLISH.

Lecturer	..	Mr.	Abu Zafar Abdul Wahed, M.A. (Persian), M.A. (Eng.), Alig.
Do	..	,,	Ghulam Mohamad Ali, M.A. (Madras).
Part-time Lecturer		,,	Asaduddin, M.A.
Do	..	,,	Abdus Salam, M.A.

ECONOMICS AND HISTORY.

Lecturer	..	Mr.	Khaja Muniruddin, M.A. (Osmania).
Do	..	,,	Mir Mahmood Ali, M.A. (Osmania).

MATHEMATICS.

Lecturer	..	Mr.	V. N. Patwari, M.A. (Osmania).

PHYSICS.

Lecturer	..	Mr.	Mohamad Ahmad Osmani, M.SC. (Alig.).

CHEMISTRY.

Lecturer	..	Mr.	Ahmad Bin Abdullah, B.A. (Osmania).
Demonstrator	..	Mr.	Sudarshan Raj, M.SC. (Osm.).
Lab. Assistant	..	Mr.	Ushayya Chalam.
Do	..	,,	Karimullah, M.SC., Dip-in-Ed. Gold Medallist.

URDU.

Lecturer	..	Mr.	Syed Mohammad, M.A. (Osmania).

PERSIAN.

Part-time Lecturer		Mr.	Syed Mohammad, M.A. (Osmania).
Do	..	,,	Ali Raza Shirazi.

ARABIC AND THEOLOGY.

Part-time Lecturer   Mr.   Syed Husain, M.A. (Osmania).
    Do   ..   Mr.   Abul Fazl, M.A. (Osmania).

MORALS.

Part-time Lecturer   Mr.   Yusuf Ali, M.A.

PHYSICAL INSTRUCTOR.

Mr. Nizamuddin, D.P.E. (Denmark), A.B.P.B. (Lond.).

SUBJECTS TAUGHT.

English, Theology, Morals, Arabic, Persian, Urdu, Economics, History, Mathematics, Physics and Chemistry.

RESIDENCE.

A Hostel is attached to the College for the convenience of the students.

(2) AURANGABAD INTERMEDIATE COLLEGE.

Principal.

Mr. Md. Hafizullah, B.A. (Madras), B.T. (Calcutta).

ENGLISH.

Lecturer	.. Mr.	Ganeshrao Thatte, M.A. (Eng.), M.A. (Econ.) Alig.
Do	.. ,,	Ghulam Jilani Ahmad, M.A. (Alig.).
Junior Lecturer	.. ,,	Kameshwar Rao, M.A. (Nagpur).

ECONOMICS.

Lecturer	.. Mr.	Ganeshrao Thatte, M.A. (Eng.), M.A. (Econ.) Alig.

HISTORY.

Lecturer	.. Mr.	Mohamad Ibrahim, M.A. (Alig.).

MATHEMATICS.

Lecturer	.. Mr.	Mohd. Ahmad, B.A. (Madras), M.A. (Alig.).

PHYSICS.

Lecturer	.. Mr.	Md. Azizur Rahman, M.SC. (Dacca).

CHEMISTRY.

Lecturer	.. Mr.	P. N. Sri Krishen, M.SC. (Alig.).

ARABIC AND PERSIAN.

Lecturer	.. Moulvi Agha Mohamad Taqi, Faregut-tahsil, (Shiraz).
Part-time Lecturer	Moulvi Md. Sabir Saheb, Moulvi Kamil, (Hyderabad).

SANSKRIT AND MARATHI.

Lecturer	.. Mr.	Bhasker Govind Sastri, Faregut-tahsil, Baroda and Poona.

URDU AND ETHICS.

Lecturer	.. Mr.	Ghulam Tayyab, B.A. (Osmania), L.T. (Dacca).

THEOLOGY.

Part-time Lecturer	..	Maulvi Syed Ahmad Saheb, Faregut-tahsil, Nadwa. (Lucknow).

HINDI.

Part-time Lecturer	..	Mr. Dharampal Metha, M.A., Perbhankar. Hons. (Punj.), S.T.C. (Bom.).

SUBJECTS TAUGHT.

English, Theology, Morals, Economics, History, Mathematics, Physics, Chemistry, Arabic, Sanskrit, Persian, Urdu and Marathi.

RESIDENCE.

A Hostel is attached to the College for the convenience of the students.

(3) WARANGAL INTERMEDIATE COLLEGE.

Principal.

Mr. Ahmad Husain Khan, B.A.

ENGLISH.

Reader .. Mr. P. V. R. Sebastian, B.A. (Madras).
Junior Lecturer .. Mr. Mahmood Husain, M.A. (Osm.).

ECONOMICS.

Part-time Lecturer Mr. Ahmad Husain Qidwai, M.A. (Alig.).

HISTORY.

Lecturer .. Mr. Mir Zainul Abideen, B.A. (Madras),
M.A, B.T. (Alig.).

MATHEMATICS.

Lecturer .. Mr. A. V. Gopal rao, M.A. (Madras).

PHYSICS.

Lecturer .. Mr. Md. Zakiuddin, M.SC. (Osmania).

CHEMISTRY.

Lecturer .. Mr. Inayat Khan, M.SC. (Osmania).
Do .. ,, Mohamad Hasham, B.SC. (Osmania).

URDU AND PERSIAN.

Junior Lecturer .. Mr. Syed Akhtar Hasan, M.A. (Osmania).

ARABIC.

Part-time
Lecturer .. Moulvi Mohamad Saleh Khan Saheb.

SANSKRIT.

Part-time
Lecturer .. Pandit V. Shastri.

TELEGU.

Part-time
Lecturer .. Mr. B. Srinivas Rao, B.A., Dip-in-Ed.
(Osmania).

THEOLOGY.

Part-time
Lecturer .. Vacant.

MORALS.

Part-time Lecturer Mr.   Mohamad Hashmatullah, M.A. (Agra)

SUBJECTS TAUGHT.

English, Theology, Morals, Economics, History, Mathematics, Physics, Chemistry, Arabic, Sanskrit, Persian, Urdu and Telegu.

(4). GULBARGAH INTERMEDIATE COLLEGE.

Principal.

Mr Syed Zulfiqar Ali Haqqani, B.A., B.T.

ENGLISH.

Lecturer	..	Mr.	A. Malikarjan Rao, M.A. (Madras).
Junior Lecturer	..	"	Mohamad Bin Omar, M.A. (Osmania).

ECONOMICS.

Part-time
Lecturer .. Mr. Ahmad Abdul Aziz, M.A. (Alig.).

History.

Lecturer Mr. Saiduz Zaman, B.A. Hons., M.A. (Alig.). (on deputation).

MATHEMATICS.

Lecturer .. Mr. Raghvendar Rao, M.A. (Osmania).

PHYSICS.

Lecturer .. Mr. Afzaluddin, B.A. (Osm.), M.SC. (Alig.).

CHEMISTRY.

Lecturer .. Mr. Vazir Ahmad Quraishi, B.A. (Osm.), M.SC. (Alig.).
Demonstrator .. Mr. Iqbal Ahmad, (Osmania).

ARABIC.

Part-time
Lecturer .. Moulvi Habib Hyder Saheb, Moulvi Fazil, Moulvi Alim. (Punjab).

Sanskrit.

Part-time
Lecturer .. Mr. Rajpurohit,B.A. (Osmania).

PERSIAN.

Part-time
Lecturer .. Moulvi Jahangir Ali Khan Saheb, Munshi Fazil, Urdu Fazil. (Punjab), Moulvi Alim. (Darul-uloom, Hyderabad).

URDU.

Part-time
Lecturer .. Mr. Nasiruddin Ahmad, B.A. (Osm.) B.T. (Alig.).

MARATHI.

Part-time Lecturer ..	Mr. P. Shenderker, B.A., Dip-in-Ed. (Osm.).

KANARESE.

Part-time Lecturer ..	Mr. Bhimsen Rao, B.A., Dip-in-Ed. (Osm.).

THEOLOGY.

Part-time Lecturer ..	Moulvi Hafiz Mohamad Saheb, Munshi Fazil, (Punj.), Moulvi Kamil. (Dewband), Fazil, Mazaheriluloom.

MORALS.

Part-time Lecturer ..	Mr. Abdul Aziz Khan, B.A. (Osm.), B.T. (Alig.).

SUBJECTS TAUGHT.

English, Theology, Morals, Economics, History, Mathematics, Physics, Chemistry, Arabic, Sanskrit, Persian, Urdu, Marathi, and Kanarese.

RESIDENCE.

A Hostel is attached to the College for the convenience of the students.

11. MEDICAL COLLEGE.

Principal.

Dr. Brij Mohan Lal, B.A. (Madras), M.B.,B.S. (Bom.), M.SC. (London).

Anatomy .. Dr.	Brij Mohan Lal, B.A. (Mad.), M.B.,B.S. (Bom.), M.SC. (London)., Professor; Dr. S. P. Sahgal, M.B.,BS. (Bom.), Reader, Dr. Syed Mukhtar Husain, B.SC. (Alld.), M.B.,B.S. (Lucknow), Lecturer.
Materia Medica & Dr. Pharmacology ..	S. W. Hardikar, M.D., M.R.C.P. (Edin.), Professor, Dr. Fazle Karim Khan, M.B.B.S. (LKo.), Reader; Mr. M. Ghaus Mohiuddin, M.SC. (Alig.), Chemist.
Physiology .. Dr.	Syed Abdur Rahman, M.B., Ch. B., D.T.M. & H. (Edin), Professor; Dr. R. N. Abhyankar, M.B.B.S. (Bom.), Dr. Syed Mahdi Hasan, Ph.D. (Giesson, Germany), Readers; Dr. Mir Mustafa Ali Zaidi, M.B.B.S. Lecturer.
Pathology & Bac- Dr. teriology ..	M. Ali Husain, M.B.B.S. (Bom.), Ph. D. (Durham), Dr. M. Shah Nawaz, M.B.B.S. (Punjab), M.R.C.P. (Edin), Professors, Dr. M. Nusrat Ali, M.B.,B.S. (LKo.), Dr. Yusufuddin Ansari, M.B.B.S. (Osm.), (on deputation), Dr. Mohiuddin Ahmad, M.B.B.S. (Osm.), (Offg), Lecturers.
Medicine & Clini- Dr. cal Medicine ..	Bankat Chandra, M.B.B.S. (Bom.), M.R.C.P. (Lond.), M.R.C.S. (Eng.), Professor; Dr. M. K. Pandit, M.B.B.S. (Bom.), M.R.C.P. (Edin), D.T.M. (Liverpool), T.D.D. (Wales), Lecturer.

Surgery & Clinical Surgery	Dr.	Khurshid Husain, M.B.B.S. (Bom.), M.B., Ch.B. (Edin.), Professor; Dr. M. Bahadur Khan, M.B.B.S., M.SC. (Leeds), F.R.C.S. (Lond.), Dr. Munawar Ali, F.R.C.S.E., Lecturers.
Gynaecology & Midwifery	Dr.	V. G. Borgaonkar, M.B.B.S. (Bom.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), L.M. (Dub.), Professor; Dr. Vajihullah Alvi, L.R.C.P., L.R.C.S. (Edin.), & D.G.O., Lecturer.
Opthalmology	Dr.	Syed Abdur Rahim, B.A., M.B.B.S. (Bom)., D.O. (Lond.), Professor; Dr. P. Ramachandar, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.O.M.S. (Lond.), Lecturer.
Hygiene.	Dr.	M. M. Siddiq Hosain, M.R.C.S. (Eng.), L.R.C.P., D.P.H., D.T.M. & H., D.O.M.S. (Lond.), Professor.
Medical Jurisprudence.	Dr.	Qasim Hosain, L.R.C.P., M.R.C.S. (Eng.), Professor.

Nine Part-time Lecturers.

Special Subjects Lecturers.

Oto-rhino-Laryngology	Dr.	R. Venkat Rao, B.SC., M.B.B.S. (Mys.), D.L.O. (London).
Skin Diseases.	Dr.	B. G. Ranade, M.B.B.S. (Bombay).
Orthopaedics.	Dr.	C. L. Modi, F.R.C.S. (Ireland).
Infectious Diseases	Dr.	C. L. Ahluvalia, M.B.B.S. (Lahore), L.R.C.P., M.R.C.S. (Eng.), D.P.H. (Lond.), D.T.M. (Liverpool).
Mental Diseases...	Dr.	C. A. Sundar Raj, M.B.B.S. (Hongkong), D.P. M. (London),
Ahesthetics.	Dr.	Abdul Ali Khan, L.R.C.P. (London), M.R.C.S. (England).
Dentistry.	Dr.	C. J. Morris, L.D.SC. (Calcutta).
Radiology.	Dr.	S. A. Jabbar, M.B.B.S. (Bom.), D.M.R.E. (Cantab).
Applied Anatomy.	Dr.	M. Munawer Ali, M.B.B.S. (Osmania), F.R.C.S. (Edin).

Physiology.

Bio-Chemistry. .. Dr. S. Mahdi Hasan, Ph.D. (Giessen).

Pharmacology.

Reader   .. Dr. M. Fazle Kareem Khan, M.B.B.S. (Lucknow).

Chemist.   .. Mr. M. Ghous Mohiuddin, B.A. (Osmania), M.Sc. (Aligarh).

Demonstrator. .. Dr. C. D. Nagruthnam, L.M.& S. (Hyd.).

Pathology.

Lecturer in   Dr. M. Ahmed Mohiuddin, M.B.B.S.
Cl. Medicine

12. ENGINEERING COLLEGE.

Principal.

Mr. Hasan Latif, C.E. M.I.E.E., M.I.E. (King's College, Lond.),

Hydraulics. ..	Dr.	S.P. Raju, B.A. (Madras), B.E. (Poona) A.M.I.E. (Ind.), Dr. Ing (Munich) Professor.
Surveying. ..	Mr.	P. K. Ghosh, B.SC. (Cal.), M.A. (Cantab.), Professor.
Civil Engineering.	"	Ziauddin Ansari, M.A. (Osm.), B.SC (Hons.) (Manchester), Professor Mr. Abdus Samad Sowdagar, B.E (Poona), A.M.I.E. M. R. San.I., Reader.
Drawing. ..	"	Md. Hafizullah, B.SC. (Alig.) B.S (Eng'g.), (Rangoon), Reader.
Applied Mechanics		Vacant.
Geology. ..	Mr.	S. M. Abbas,B.SC. (Punjab), Reader Mr. Ahmaduddin, B.A. (Osm.), B.S (Manchester), Lecturer.
Mechanical Engineering. ..	"	Abid Ali, B.SC. (Madras), B.SC. Hons (London), Reader.
Superintendent College Work-shop. ..	"	M. Abdulla Hasan, B.SC. (Alld.), Reader, (On deputation to War wor N. S. Rly.).
Electro-technics ..	"	Syed Abdul Qadir, B.SC. (Hons. (Manchester) ; V. M. Gadgil, B.S Hons. (Manchester), Lecturer.

Part-time Lecturers.

Irrigation. ..	Mr.	Syed Md. Yunus, B.SC. (Manch.),
Architecture. ..	"	Syed Aziz Ali, A.R.I. B.S. (Lond.).
Town Planning...	"	Faiyazuddin, B.E.
Railway Engineering. ..	"	Mahmood Alam,B.A. (Osm.), B.S (Hons.), (Manch.).

Accounts and P. W. D. Procedure. ..	Mr.	Zaheeruddin Ahmad, M.A. (Alig.), H.C.S.
Sanitary Engineering. ..	''	S. K. Iyer.
Aero Engines: Theory & Design.	''	P. M. Reddy, M.I.M.E.

RESIDENCE.

A hostel is attached to the College for the convenience of the students.

Rules of Admission, Etc.

Candidates seeking admission to the College for the B.E. Degree are required :—

- (*a*) To be not under 18 or above 22 years of age.

- (*b*) To produce a health certificate from a Gazetted Government Medical Officer of a rank not below that of a Civil Surgeon, to the effect that the candidate is fit for out-door work of the Public Works Department and that he has had small-pox or has been vaccinated.

- (*c*) To have passed the Intermediate Examination of a recognised University taking the following subjects :—

  - (*i*) Mathematics.
  - (*ii*) Physics.
  - (*iii*) Chemistry.
  - (*iv*) English.

- (*d*) To produce testimonial of good character.

- (*e*) To sign a declaration form that he will observe the regulations of the University in the College.

- (*f*) To possess satisfactory knowledge of the Urdu language.

The number of students admitted yearly is limited to 20.

Preference will be given to subjects of the Hyderabad State, residents of Berar being considered subjects of His Exalted Highness the Nizam. The final selection will be made by the Principal of the College on the general capabilities of the appli-

ants, who may, if necessary, hold a competitive examination for admission.

Applications should reach the Principal not later than 10th Amardad every year, on prescribed forms, which can be obtained from the Principal of the College.

After the commencement of the Session, students can only be admitted on special grounds, with the sanction of the Principal but no student will be admitted after the last day of Shahrewar.

Attendance and Conduct.

Students are required to attend with regularity the courses for which they have entered. In cases of absence, a written notice should be sent at once to the Principal, accompanied by a medical certificate in cases of illness likely to be prolonged.

Students arriving late for a lecture or laboratory class will not be registered as having attended.

Students who have not attended regularly or who have absented themselves without the permission of the Principal from the Terminal or Sessional Examination of any class will not be entiteld to the certificate of attendance at that class. (Such certificates of attendance are required to admit a student for the Examinations of the University).

Fees.

The fee for registration for admission shall be Rs. 5 which will in no circumstances be refunded.

A registration fee of Rs. 10 shall be charged by the University for all students migrating to this University from other Universities.

The tuition fee payable in advance by students while at the College shall be :—

Sessional rate	..	.. Rs. 100.
Instalment rate (9)	..	.. Rs. 12.

Students will have to provide their expenses for survey and other excursions.

A breakage deposit of Rs. 50 will have to be paid by each student at the time of joining the College each Session.

The cost of any articles broken or damaged by any student and of repairing any damage to property, will be deducted from his breakage deposit, the balance of which will be returned one month after the close of the Session. Students will also be held liable for damage beyond the amount of the deposit and may also be held jointly responsible for the damage which is not traceable to any one individual.

Students who are exempted from any subject or subjects in the Part I Examination will have to pay the full examination fee. All payments shall be made to the Registrar through the Principal, Engineering College.

A contribution of Rs. 12 per annum shall be made by each student to the College Athletic Club.

Every student must provide himself at his own cost with drawing instruments, drawing board, T. squares, etc. Surveying instruments will be supplied free of cost while at the College.

Lockers will be provided for the students in the drawing offices at a charge of Rs. 2 per Session. The locker key may be obtained on a deposit of Rs. 2 which will be refunded on return of the key.

Residence of students.

Students of the Engineering College desiring to live at any of the University Hostels should apply to the Pro-Vice-Chancellor, through the Principal, Engineering College.

Scholarships.

A limited number of scholarships will be offered every year to deserving students. Particulars of scholarships may be obtained from the Principal of the College.

Exemptions.

Graduates in Physics may be exempted from attending the classes in that subject, and graduates in Mathematics may be exempted from attending the 1st year classes in Mathematics, but in all cases they will have to satisfy the examiners in their respective examinations.

Examinations.

College examinations will be held at the end of each term in the subjects taught during that term.

13. TRAINING COLLEGE.
Principal.

Mr. Mohd. Sajjad Mirza, M.A. (Cantab.), C.T. (London).
Readers.

Mr. Malik Sardar Ali, B.A., B.T. (Psychology, Principles of Education and Child Education).

Mr. Mir Ahmad Ali Khan, M.A., M.Ed. (Leeds) Bar-at-Law, (History of Education, Comparative Education and Method of Teaching History).

Lecturer.

Dr. D. D. Shenderker, B.A., B.T. (Dacca), T.D., Ph.D. (London) (School Organization, Educational Tests and Teaching of Mathematics and Science.)

Part-time Lecturers.

Mr. Abdul Aziz, B.A. B.T., (Dacca), Mathematics).

Mr. Riazuddin Khan, B.A., B.T. (Alig.), (Geography).

Dr. A. Latif Sayeed, M.B., Ch.B. (School Hygiene).

Mr. Khwaja Yusufuddin, M.A., LL.B. (Alig.), T.D. (Leeds).

Mr. S. Fakhrul Hasan, B.A., B.T. (Alld.).

Mr. Samiullah, T.C. (Madras).

Mr. Abdul Qadir Beg, Drawing Advance. (Madras).

Tuition fees.

M.Ed.	..Rs. 100|-
Dip-Ed.	..Rs. 100|-
Inter. T.C.	..Rs. 75|-in clusive of Examination fee.
T.C.	..Rs. 50|-

N.B :—No stipends are given to private candidates.

Residence.

A Hostel is attached to the College in which residence is compulsory, but the Principal at his discretion may grant exemption, in exceptional cases.

Hostels fees including board and lodging are :—

For vegetarians. ..	..	Rs. 14|-p.m.
For Non-vegetarians.	..	Rs. 16|-p.m.

14. THE BUREAU OF TRANSLATION.

The Bureau of Translation which was opened in Aban
1326 F. with Maulvi Abdul Haq Saheb as Curator has so far
taken in hand 530 books of which 307 have been published and
the rest are either in the Press or under revision and translation.
Books on various subjects required by post-graduate students
have also been translated.

The Bureau has been recently reorganised.   At present the
staff of the Bureau consists of one Curator (500-1,000), 6 Trans-
lators (250-400).   The Department of Medical Translations
consists of one Supervisor (100|-allowance) and 3 Translators,
one (350-600) and 2 (500|-) each.   Besides the salaried staff a
large number of works is being translated by outsiders on
piece-work.

The following gentlemen are on the staff at present :—

Curator.	Mr. Muhammad Elyas Burny, M.A., LL.B. (Aligarh).
Supervisor of Medical Translations.	Dr. Brij Mohan Lal, B.A., (Madras.), M.B.,B.S. (Bom.), M.SC. (Lond.).

Translators :—

Philosophy.	Mr. Ehsan Ahmad, B.A.
Physics.	.. Mr. Murtanja Rao, M.SC., LL.B. (Osm.).
Chemistry.	.. Mr. Mir Asad Ali, M.SC. (Osmania).
Mathematics.	.. Mr. Mohd. Naziruddin, M.A. (Osm.).
Botany.	.. Mr. Mohd. Abdul W a h e e d, M.SC. (Osmania).
Zoology.	.. Mr. Mohd. Abdur Rahman Khan, M.SC. (Osm.).
Medicine.	Dr. Mohd. Osman Khan, L.M. & S.
do	Dr. Ghulam Dastagir, M.B.,B.S.
do	Dr. Joseph Antony M o h a m m e d Husain, M.B.,B.S.

15. THE DAIRATUL MAARIF.

The **Dairatul** Maarif was founded by the late Nawab **Imadul** **Mulk** Bahadur (Sye'd Hussain Bilgrami, C.S.I.) and the late Mulla Abdul Qayum Saheb in 1295 F. for the publication of rare books in Arabic. It commenced its work in 1299 F. with a grant of Rs. 500, per mensem from His Exalted Highness' Government. Subsequently in 1329 F. an endowment of one lac of rupees was made over to the Institution and in 1331 F., His Exalted Highness was graciously pleased to sanction an additional grant of Rupees four lacs. The total endowment of Rupees five lacs and thirty thousand brings an annual income of Rs. 31,000.

On the sad demise of Nawab Imadul Mulk Bahadur on the 2nd Tir 1335 F., (24th Zikadah 1344 H.), the Institution was placed under the control of the University. The late Right Hon'ble Sir Akbar Hydari, Nawab Hydar Nawaz Jung Bahadur P. C., Kt., LL.D. then President Executive Council was the Chairman of the Executive Committee Dairtaul Maarif, with whom the management rested till Shahrewar 1350 F.,and Nawab Dr. Mahdi Yar Jung Bahadur, Education and Finance Member, H. E. H. the Nizam's Government, was the Secretary. Right Hon'ble Sir Akbar Hydari to whose able guidance this Institution owes its prosperity, on his acceptance of the Membership of the Executive Council, Government of India, appointed Hon'-ble Nawab Dr. **Mahdi Yar Jung Bahadur**, H. E. H. the Nizam's Finance and Education Member, as President of the Dairatul Maarif Executive Committee, who takes a keen interest in the affairs of the Daira, as he does in all literary and educational activities in the Hyderabad State.

The present Executive Committee consists of the following Hon. Members.

1. **Hon'ble Nawab Dr. Mahdi Yar Jung**
   Bahadur, Education Member, H.E.H.
   the Nizam's Government.   President

2. **The Hon'ble Mr. Syed Abdul Azeez**
   Judicial & Ecclesiastical Member, H.E.H.
   the Nizam's Government.   Vice-President

3. Mr. Syed Mohiuddin,B.A., Bar-at-Law,
   Secretary and Commissioner, Technical
   and Vocational Education & Additional
   Educational Secretary.   .   Secretary.

4. The Hon'ble Mr. Ghulam Mohammad, C.I.E.
   Finance Member, H.E.H. the Nizam's Government.

5. Nawab Dr. Nazir Yar Jung Bahadur,
   Ex-High Court Judge.   Member & Joi-
                                       nt-Secretary.

6. Allama Mahmood Hasan Khan Saheb,
   Author of "Maujamul Musannafeen."   Member.

7. Allama Abdullah Al Imadi, Ex Member
   Translation Bureau, Osmania University. Member.

8. Allama Manazir Ahsan Saheb Gilani,
   Chairman of the Department of Theolo-
   gy, Osmania University.   Member.

9. Allama Abdul Qadeer Siddiqi.   Member.

10. Mr. Hussain Abdul Munim, Accountant
    General, Sarf Khas Mubarak.   Member.

This Committee is helped by a liteary Committee which
assists in selecting and obtaining books for publication etc.   The
Staff consists of a Director and seven Arabic Scholars who edit
the texts and carefully compare the different copies before final
publication.   They are helped in their literary works by the
noted European Orientalist, Dr. F. Krenkow, who secures for
the Institution copies of rare books in the British Museum and
other European libraries besides correcting texts.   Numerous
rare and valuable books on History, Biography, Hadith (tradi-
tion), Tafsir (commentary), Fiqh (canon law), Grammar, Logic,
Philosophy, Science and Literature have been issued to the world
from the press of the Dairatul Maarif which have earned even
greater fame in Europe. America, Egypt and Syria than in India
itself.   105 publications of this Institution have been released
and issued, many of which are in four, ten, and twelve volumes.
During 1350 F. alone valuable publications of this Bureau worth
more than B. G. Rs. 5,000 were given away as free presentations
to various Institutions in India and abroad of which British
Museum, India Office, School of Oriental Studies London, An-
juman Adabi, Kabul, Royal Asiatic Society, Calcutta and Bom-
bay, may be mentioned.

Greater works are still under progress and it is expected that their attractions will strongly appeal to the cultural and earned world.

The present Staff of the Dairatul Maarif consists of the following Ulamas:

1. Maulana Syed Hashim Nadvi,   Director & Asst. Secretary.
2. Maulana Mohammad Taha Nadvi,   Editor.
3. Maulana Hakeem Syed Ahmadullah Nadvi,   ,,
4. Maulana Shaikh Abdul Rahman Yamani,   ,,
5. Maulana Habib Abdullah Hazrami,   ,,
6. Maulana Syed Zainul Abedin Mausavi,   ,,
7. Maulana Mohammad Adil Quddusi,   ,,
8. Maulana Jamalul Lail Saheb Madani,
9. Maulana Shaikh Ahmad Saheb Yamani,   ,,

16. THE NIZAMIAH OBSERVATORY.

General.—The history of the Observattory dates from the time the late Nawab Zafar Jung Bahadur presented to the Government two fairly large telescopes, which he had originally purchased for his private use during his sojourn in Europe. When the matter of the bequest was before the Government, Right Hon'ble Sir A. Hydari, Nawab Hydar Nawaz Jung Bahadur, P.C. Kt., LL.D., the then Financial Secretary, in a long note on the subject, referred to the importance of the gift and emphasised the unique opportunity that had been thus afforded for the establishment of an Observatory at Hyderabad, for the cultivation of the science of astronomy. This suggestion was adopted,, and on H.H. the Nizam graciously sanctioning the scheme, it was decided to establish a fully equipped Observatory with the two telescopes as a nucleus. Mr. Chatwood was appointed Director in 1908 and soon after his arrival in Hyderabad, he selected a suitable site for the Observatory and promptly started the construction of the necessary additional buildings for the accommodation of the instruments and of small workshop. The photographic equatorial was erected by the beginning of 1910 when the formal dedication of the Observatory took place. There was some delay in commencing regular work with this telescope as some of the parts had to be returned to England for necessary alterations and a suitable following telescope had to be constructed afresh. By the time Mr. Chatwood's term of office expired in March1914, he had made a commencement with regular astronomical observations and had also given an efficient training to a small staff of assistants. Mr. Pocock succeeded to the Directorship and vigorously pushed on the astronomical work that Observatory had undertaken, with the result that substantial progress was achieved in all branches under his direction. His death occurred in October 1918 and by that time two volumes of results were collected and published. In November 1919, the Observatory was transferred to the Osmania University and placed under the administrative control of the University Council.

Equipment.—The principal equipment of the Observatory consists of :—

(1) An 8 inch photographic telescope with accessories.

(2) A 15 inch visual telescope equatorially mounted (the erection of this intrument was carried on in 1922-23 under the supervision of the present Director).

(3) A 2¾ inch Transit Instrument and a drum chrono-graph.

(4) Three astronomical clocks and two chronometers.

(5) A set of Electric Transmitting pendulums and dials to operate in connection with them.

(6) Two Milneshaw horizontal Pendulum Seisnographs one of these mounted in an under ground chamber.

(7) A Hale Spectrohelioscope.

Astronomical work.—At the time the Observatory was established, it was felt that whatever work is carried on at the institution should form part of a systematic plan and should possess considerable scientific value. Instead of diverting attention among a number of individual isolated researches, the policy of the Observatory had been to adopt a middle course, by carrying on, as a routine programme some outstanding piece of work, in which the co-operation of the institution would to some extent contribute to the general advancement of science at the same time without losing sight of the number of special investigations that arise having a bearing on the central subject. When the Observatory was ready to start on regular work it was recommended by the eminent astronomers, Sir David Gill, Prof. Turner and others, that this institution can advantageously co-operate in the great international undertaking entitled the "Carte du Ciel." As the Government was willing to accede to this recommendation, a section originally assigned to a South American Observatory, but neglected owing to some adverse circumstances was allotted to the Nizamiah Observatory. The region is now very nearly complete and the preliminary results of the whole section have been published.

With the Grubb Equatorial erected in 1923, a start has been made with the regular observation of a few variable stars, specially near their minima when observations with this telescope, on account of the larger light gathering power, are particularly valuable.

The Transit Instrument is employed for determining clock corrections systematically and when the necessary apparatus is acquired, it is proposed to control the time gun at Hyderabad by means of signals from the Observatory Standard Clock.

Daily records are obtained with the Seismograph since September 9, 1923. The results are forwarded to the International Seismological Association.

Since 1929 September, daily observations of upper air conditions by means of pilot balloon flights have been included in the programme of work in co-operation with the India Meteorological Department. The observatory is also equipped as a first class Meteorological station.

Publications.—The Hyderabad Astrographic Catalogue, Vols. I to XI forms the most important among the publications of the Observatory. Several short papers, now numbering about 75 dealing with matters of technical interest have been published in various periodicals.

Library.—A small working library is in course of formation and contains at present about 1,200 volumes. A part consists of publications of other observatories received as exchanges.

Staff.—The establishment consists of three assistants and twelve computers, besides a clerk and a mechanic.

Rao Saheb T. P. Bhaskaran, M.A., F.R.A.S., F.N.I. is the present Director.

17—RULES, SUBJECTS, TEXT-BOOKS AND SYLLABUSES.

A—MATRICULATION EXAMINATION.

MATRICULATION EXAMINATION.

1. The Matriculation Examination shall be held once a year at Hyderabad, Aurangabad, Gulbarga, and Warangal at such time and on such dates as the Syndicate may prescribe.

2. The Examination shall be open to:—

   (i) All those who have satisfactorily prosecuted a regular course of study for this Examination at one or more High Schools recognised by the Osmania University. Such candidates shall be named *pupil candidates.*

   (ii) All those who have studied privately either in the Dominions or outside for this Examination, provided that they shall not have attended any High School recognised by the University for not less than six months prior to the date of the Examination.

   (iii) All those who have passed the Maulvi or the Munshi Examination of His Exalted Highness the Nizam's Government. Such students will have to appear in English only and in the case of those who have passed in the Munshi Examination, in Islamic Theology or Morals also, on passing in which subject or subjects they will be considered to have passed in the whole of the Examination.

   (iv) All those who have passed the Maulvi Examination of Madrasai Nizamiah. These will appear in English only, and shall be admitted to the First Year class in Theology on passing in that subject.

3. No candidate shall be admitted to the Matriculation Examination unless he shall have completed the age of fifteen years by the 1st day of Shahrewar (July) of the year in which he applies for admission to the Examination.

4. Applications for admission to the Examination in the form prescribed must reach the Registrar not less than two months before the commencement of the Examination accompanied by a fee of Rs. 12 in the case of pupil candidates, Rs. 16 in the case of candidates referred to in rule 2 (ii) and Rs. 5 in the case of candidates referred to in Rule 2 (iii) and (iv).

5. Pupil candidates must submit the following certificates from the Head-master of the school where they last studied together with their applications for admission :—

(1) Certificate of attendance stating that the student has attended school in the Matriculation class for not less than 70 per cent. of the working days during the school year immediately preceding the examination.

The Syndicate may however condone the deficiency in attendance not exceeding 5 per cent. on special reasons especially ill health when the application is supported by a certificate of an authorised Medical Officer which can satisfy the Head Master.

(2) Certificate of good character and good conduct at school.

(3) Certificate of age in accordance with Rule 3.

(4) Certificate of progress in the subjects of study.

When a student has studied in two or more schools durin the school year immediately preceding the examina tion, his combined attendances in all schools attenc ed by him during the period will be taken int account in determining his attendance.

6. Candidates referred to in Rule 2 (ii) must submit th following certificates from the Head-master of a Governmer High School recognised by the University :—

(1) Certificate stating that the student has passed a Te Examination held in the school to test the fitness candidates appearing from that school for the Matj culation Examination.

(2) Certificate of good character.

(3) Certificate of age in accordance with Rule 3.

7. Candidates referred to in Rule 2 (iii) and (iv.) mu in addition to the original certificate showing the examinati

passed on the basis of which application is being made, submit the following certificates from the Head-Master of a Government High School recognised by this University.

(1) Certificate stating that the candidate has passed a Test Examination in English and Theology, held in the school to test the fitness of candidates appearing from that school for the Matriculation Examination.

(2) Certificate of good character.

(3) Certificate of age in accordance with Rule 3.

8. Teachers from the recognized schools of the University will be exempted from passing a Test Examination provided they produce a certificate from the Divisional Inspector of schools stating that the candidate is eligible for admission to the Matriculation Examination and that he is expected to get through.

9. Candidates who have once been duly permitted to appear at this examination are entitled to appear at any subsequent Matriculation Examination as private candidates under Rule 2 (ii), (iii) and (iv).

10. On receipt of the application and the fee prescribed and the necessary certificates, the Registrar shall, at least a fortnight before the examination cause to be furnished to the candidate a receipt for the fee received, which will also serve as a ticket of admission to the examination hall to be produced by him when called for.

11. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee.

12. The Matriculation Examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions:—

1. European Languages ..	Ordinarily in English.
2. Sanskrit, Prakrit or Pali..	In the language itself or in English or in Urdu.
3. Modern Indian Vernaculars.	In the language itself or in Urdu.

In the case of these exceptions, the Registrar will, six months before the date of the Examination, notify the language in which the paper will be set, and candidates will be expected to answer in that same language unless by a previous arrangement with the Registrar, they have been permitted to answer in any of the alternative languages above specified.

13. The Examinaion will be held in the following subjects:—

A. COMPULSORY.

1. English.
2. Urdu. (Questions on Grammar to be practical and of easy nature. Essays should be on the subjects of every day interest).
3. Elementary Mathematics or Arithmetic (for girls only.).
4. Elementary Science or Domestic Science (for girls only). (Girls taking Domestic Science should Arithmatic)
5. Indian History and General Geography of the world.
6. Theology or Morals.

B. OPTIONAL.

One of the following subjects:—

1. A Classical Language.
2. A Modern Language.
3. English History.
4. Algebra and Geometry†.
5. Commerce.
6. Biology.
7. History of Islam.

*C. SCHOOL SUBJECTS.

1. Drawing.
2. Physical Training.
3. Manual Training.

N.B.—†Only those Candidates will be admitted to the Intermediate Mathematics Classes, who have taken Algebra and Geometry as their optional subjects.

*There will be no University examination in these subjects but the teaching will be compulsory.

A. COMPULSORY SUBJECTS.

(1) ENGLISH.

There will be two papers in English each of two and half hours' duration. The first paper (50 marks) will be on the detailed Texts and shall contain questions on Grammar and Idiom. The second paper (50 marks) will be as follows:—

Marks

Composition and Translation from Urdu .. 35

Non-Detailed Texts   .. 15

2. Urdu.

There will be two papers each of two hours' duration in this subject; the first paper (50 marks) will be on the pescribed texts and the second on Grammar (20 marks) and Composition (30 marks).

(3) ELEMENTARY MATHEMATICS:—

There will be two papers of two and half hours' duration each.

Paper I. {	Arithmatic ..	..	30 marks.
	Algebra ..	..	20 „
„ II. {	Practical Geometry	..	30 „
	Mensuration ..	..	20 „

or

Arithmatic (for Girls).   100   „

(4)   ELEMENTARY SCIENCE :—

> There will be one paper of three hours' duration carrying 100 marks. The paper shall be divided into sections A (Physics) and B (Chemistry), 50 marks will be assigned to each section.

Candidates are expected to perform at least 10 experiments in a year and have a record of their practical work regularly initialled by the teacher in charge, but there shall be no examination in Practical Science.

<div align="center">or</div>

<div align="center">Domestic Science (for girls)</div>

There will be two papers each of 2 hours' duration carrying 50 marks each.

(5)   HISTORY AND GEOGRAPHY.

> Two papers each of two hours' duration will be set :—
>
> 1st Paper—History of India   .. 50 marks
>
> 2nd Paper—General Geography of the World with fuller treatment of India   .. 50 marks

(6)   THEOLOGY OR MORALS.

> There will be one paper (100 marks) of three hours' duration in this subject.

Examination in Theology or Morals shall be regarded as qualifying examination and the marks gained by a candidate in these subjects shall not be included in the grand total of the marks : but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

B. OPTIONALS.

1. A Classical Language:—
   (a) Arabic, (b) Sanskrit, (c) Persian.

   or

2. A Modern Language (Except Urdu):—
   (a) Marathi, (b) Telugu (c) Kanarese.

   > In each of these languages except Arabic there will be two papers of two hours' duration. The first paper will be on the prescribed Texts (60 marks) and the second paper will be on Grammar and Translation carrying 40 marks.

   > In Arabic there will be two papers of two hours' duration and carrying 50 marks each. The first paper will be on the text books prescribed for Prose and Poetry. The second paper will be on Grammar, Translation and Non-detailed text. The Translation will be from Urdu into Arabic and *Vice Versa*. Fifteen marks will be allotted for Non-detailed text.

   or

3. History of England:—

   > There will be one paper of three hours' duration carrying 100 marks:—

   or

4. Algebra and Geometry:—

   > There will be one paper of three hours' duration carrying 100 marks:—

Algebra	40 marks.
Geometry Practical ..	20 ,,
Geometry Theoretical	40 ,,

   or

5. Commerce:—

   > There will be two papers each of two and half hours' duration carrying 50 marks each as detailed below:——

   > Paper I Elementary Book-keeping.
   >   ,, II Commercial Practice.

<p align="center">or</p>

6. Biology :—

>   There will be one paper of two parts of three hours' duration carrying 100 marks :-

>   *Part I*   Elementary Biology

>>   (Botany—25 marks and Zoology—25 marks)   . . ..   .. 50 marks.

>   *Part II*   Elementary Human Physiology and Hygiene 50 marks.

<p align="center">or</p>

7. Islamic History.

>   There will be one paper of three hours' duration carrying 100 marks.

14. Sucessful candidates who obtain 60 per cent. of the aggregate marks shall be placed in the First Class.

The names of the successful candidates passing the examination in First Class shall be arranged in order of proficiency as determined by the total number of marks obtained. The Second and Third Classes shall be arranged in the serial order of their roll numbers.

15. For a pass in the Second Class candidates should secure 35 per cent. in English, 35 per cent. in the three subjects, 25 per cent. in the remaining two and an aggregate of 35 per cent.

16. For a pass in the Third Class a candidate should secure 30 per cent. in English, 30 per cent. in the three subjects, 25 per cent. in the remaining two and an aggregate of 30 per cent.

The pass percentage in Theology and Morals shall be 30 per cent.

The fraction of 5 or above in the marks gained in any subjects by the candidates will be counted as one mark.

17. Candidates passing the examination in 3rd class and wishing to secure a higher class will be allowed to appear at the

Examination; and if they fail to pass the Examination their failure will not effect their previous success.

18. If a candidate fails to pass in the examination, he may re-appear at any subsequent examination or examinations in those subjects only in which he has failed to secure 30 per cent. marks. He will be exempted from appearing at the test examination and will be declared to have passed the examination under the compartment system if he secures 30 per cent. marks in each subject; but such a candidate will not be eligible for admission to the Inter: Examination.

Girl candidate passing under this system will, however, be eligible for admission to college till 1352 F.

19. Failed candidates taking the option of joining the school to complete the examination will have to satisfy all the rules of School such as attendance and passing the test examination etc.

20. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of examination, the subjects in which he was examined, the division in which he was placed, etc.

21. The Registrar shall maintain and publish for general information, a list of High Schools recognised by the University.

(The following is the list of recognised schools) :—

(a) HIGH SCHOOLS:—

1. Government City High School, Hyderabad-Dn.
2. Darul Uloom High School, Hyderabad-Dn.
3. Osmania High School, Warangal.
4. —do— Darush Shifa, Hyderabad.
5. —do— Chanchalguda, Hyderabad.
6. Madrasa-i-Asafia, Malakpet, Hyderabad-Dn.
7. Anwarul Uloom, Nampalli, Hyderabad-Dn.

8. Chaderghat High School, Hyderabad Dn.
9. Osmania High School, Medak.
10.   —do—   Nizamabad.
11.   —do—   Mahboobnagar.
12.   —do—   Aurangabad.
13.   —do—   Jalna.
14.   —do—   Nanded.
15.   —do—   Parbhani.
16.   —do—   Beed.
17.   —do—   Mominabad (Beed).
18. Yugeshwari Nautan Vidyala, Mominabad.
19. Wanparty High School, Mahboobnagar.
20. Osmania High School, Nalgonda.
21.   —do—   Warangal.
22.   –do–—   Khammam.
23.   —do—   Karimnagar.
24.   —do—   Nirmal.
25.   —do—   Jagtial.
26. Islamiah High School, Mathwada.
27. Osmania High School. Gulburga.
28.   —do—   Yadgir.
29.   —do—   Raichur.
30.   —do—   Bidar.
31.   —do—   Latur.
32.   —do—   Khdpal.
33. Nautan Vidyalaya High School, Gulburga.
34. Osmania High School, Osmanabad.
35. Girl's High School, Nampall, Hyderabad. Dn.
36. Girls' City High School, Machhlikaman.
37. Osmania Girls' High School, Hanamkonda.
38.   —do—   Chelapura. Aurangabad.
39.   —do—   Gulbarga.
40. Training School for Women Hyderabad.
(b) *Middle Schools*—(permitted to prepare students for Matriculation Examination).
  1. Osmania Middle School, Shorapur.

<center>TEXT BOOKS.</center>

<center>1352 & 1353 F. (1943 &1944).</center>

Note 1.--The University Examination in English will be held in the course prescribed for the X Class only, and in other languages and in compulsory Theology in the course prescribed for the IX and X Classes. The candidates will be examined in the three years' course in the other subjects.

<center>A. COMPULSORY.</center>

<center>I. ENGLISH.</center>

IX Class.—

Detailed:—

    Deccan Reader Book II. (Edited by Messrs Spieght & Doraiswami)—Published by Oxford University Press.

Non-Detailed:—

    A Wonder Book by Nathaniel Hawthorne edited by C. Kingsly Williams (Longman's Green & Co.)

X Class.—1352 & 1353 F.

Detailed:—

    Deccan Reader Book III. (Edited by Messrs Speight & Doraiswami)—Published by Oxford University Press.

Non-Detailed:—Ivanhoe (New Method Readers) published by Longman's Green & Co.

Note.—Principals of Colleges and Head-Masters of High Schools will please note that the Deccan Readers published by the Oxford University Press only shall be used by the students.

2. URDU.

Class IX and X :—

نصاب اردوبراۓ جماعت نہم و دھم ۔ مطبوعہ انجمن ترقی اردو۔ صرف و نحو براۓ جماعت فوقانیہ مرتبہ مولوی عبدالحق صاحب مطبوعہ انجمن ترقی اردو۔

3. ELEMENTARY MATHEMATICS.

Arithmetic, Algebra, Geometry and Mensuration— The following book is recommended. For detailed syllabus see Appendix.

Book recommended :—

جدید ابتدائی ریاضی مولفہ مسٹر رتن لال و رادھا کرشاد

4. SCIENCE.

The following books are recommended. For detailed syllabus see Appendix.

(1) Physics for Matriculation Students, 2 parts, (Osmania University Series).

،، جدید نصاب طبیعیات ،، مولفه سردار خاں و فیض محمد صاحبان(2)
سید عبدالرزاق تاجر کتب عابد روڈ حیدرآباد،،

جدید طبیعیات مولفه سدرشن راج و رادهکار شاد (3)

(4) Chemistry for Matriculation Students, (Osmania University Series).

،، اسباق کیمیا،، حصه اول' دوم وسوم مولفه خلیل الرحمن صاحب(5)

5. INDIAN HISTORY AND GEOGRAPHY.

(1) Syed Hashimi's Matriculation History of India, (Osmania University Series).

(2) Marsden's Geography for Senior Classes (Osmania University Series) is recommended. For detailed syllabus in Geography see Appendix.

6. THEOLOGY OR MORALS.

A. Theology for Hanafi students.

جماعت نہم ۔ رساله دینیات حصه نہم (شایع کرده محکمه نظامت تعلیمات سرکار عالی) ۔

جماعت دہم ۔ رساله دینیات حصه دہم (شایع کرده محکمه نظامت تعلیمات سرکار عالی)

B. Morals—(for Non-Hanafi and Non-Muslim students) Tareeq-i-Saadat, Parts 1 and 2 Translation of Youth's Noble Path by Zamin Ali Kanturi.

B. OPTIONALS.

(1) *Classical Languages.*

ARABIC.

جماعت نهم

(۱) مجانى الادب ارباب بنجم تا قصة دويحيلى بو مكى وسائله ،، از صفحه ۵۰ تا ۷۶ ۔

(۲) ۔ نظم ۔ الاناشيد و المحفوظات المدرسيه الجزو الثانى از صفحه ۳ تا ختم صفحه ۲۵ باستثناء (الف) وصف خزان اصوان (ب) اسماعيل باشا (ج) مينا (د) قصر انس الوجود (ه) نشيد العلم

(۳) ۰طالعه سرسرى ۔ تاجر بغداد سلسله قصص الاطفال تاليف كامل كيلانى از صفحه ۶ تا ختم صفحه ۳۹

(۴) قواعد صرف و نحو ۔ النحو الواضح (للدارس الابتدائيه) الجزء الثانى مكمل ۔

جماعت دهم

(۱) نثر ۔ مجانى الادب از قصة دويحيلى البرمكى وسائله ،، تا ختم باب هفتم از صفحه ۷۶ تا ۱۱۲ ۔

(۲) نظم ۔ الاباشيد والمحفوظات المدرسيه الجزء الثالث از صفحه ۶ تا ختم صفحه ۲۵ باستثناء (الف) نشيد مصر (ب) نشيد الكشافه (ج) كل يعمل مصر (د) الاهرام (ه) نابليون

(۳) مطالعه سرسری تاجی بغداد از صفحه ۳۹ تا ٦۷ ۔

(۴) قواعد صرف ونحو النحو الواضح الله الابتدائیه الجزء
الثالث مکمل ۔

نوٹ ہر دو جماعت نہم ودھم میں النحو الواضح کی بحثوں کو
اردو میں سمجھانا اور تمرینیات کی مشق کرانا اساتذہ کافر یضہ
ہوگا ۔

* یہ کتابیں مندرجہ ذیل پتہ سے مل سکتی ہیں ۔

(1) "THE ARABIC LIBRARY & CO.,"

ORIENT HOTEL BUILDING,

Opposite Crawford Market,

Bombay.

(2) ABDUL SAMAD & SONS

Sayid Wada, Surat.

(b) SANSKRIT.

Class IX :—

Prose :—Gadyavali, Part II, pages 110-145.

Poetry :—Padyavali, pages 11—22.

Grammar :—Dr. Bhandarkar's Book II up to the
lesson on Perfect Tense.

Class X :—

> *Prose* :—Hitopadesa, the whole of Suhṛdbhida (Nirnaya Sagar Press, Bombay).

> *Poetry* :—Padyavali 23—33.

> *Grammar* :—Dr. Bhandarkar's Books I and II, the whole except the lesson on Aorist.

N.B.—Special attention to be paid to subject matter. Translation exercises should be carefully gone through. Conversational lessons should be given. Attempts should be made to develop the students' power of expression who should be made to narrate simple stories or describe simple objects in Sanskrit. The teaching should aim at inculcation of appreciation of the study of Sanskrit Literature and the culture embodied in it the minds of the students.

(*c*) PERSIAN.

Class IX :—

درر فارسی، حصه دوم ، مر تبه ڈاکٹر محمد نظام الدین، مطبوعہ اعظم اسٹیم پریس حیدرآباد دکن ۔ باستثناء صفحه ۹ تا ۲۷ و ۶۳ تا ۷۶ قواعد ۔ فعل و جمله اقسام فعل معه تصریف ۔ مشابه فعل و متعلقات فعل ۔ حرف و اقسام حرف ۔ قوائد و استعمالات کا تفصیلی بیان اور تحلیل صرفی ۔

Class X :—

درر فارسی حصه سوم ، مر تبه ڈاکٹر محمد نظام الدین مطبوعہ اعظم اسٹیم پریس حیدرآباد دکن۔ باستثناء صفحه ۷۶ تا ۸۱ و ۱۲۹ تا ۱۴۰ ۔ قواعد ۔ مبادیات علم نحو ۔ کلام اور اسکی قسمیں ۔ مرکب غیر مفید و مفید کی جمله قسمیں۔ اجزاء کلام ، ترتیب و مطابقت اجزاء کلام ، ترکیب نحوی ۔ نظم و نثر کی مشہور اقسام اور انکی تعریفات و شناختﹸ۔

2. MODERN LANGUAGES.

(*a*) MARATHI.

Class IX :—

> *Prose* :—(1) Vangmayamala Pushpa I by V. M. Joshi and N. M. Patwardhan. Pages 25 to 122. Publisher—Author Hingane Budruk, Poona 4.
>
> (2) Gadya Madhuri by Prof. Banhatti lessons 2, 3, 4 and 6.
>
> *Poetry* :—Maharastra Rasawanti. Part II by Prof. Ranade. Pages 29 to 71.
>
> *Grammar* :—Marathi Vyakarnachimula Tawen by G. H. Kelkar. Publisher—Bombay Book Depot. Chapters VI to X. Pages 76 to 220.
>
> *Composition.*—Nibandha Lekhan by V. V. Bhide, Narrative Essays.

Class X :—

> *Prose.*—(1) Vangmayamala Pushpa I by V. M. Joshi and N. M. Patwardhan. Pages 123 to 240. (Third Part).
>
> (2) Gadyamadhuri by Prof. Banhatti Pages 35 to 72.
>
> *Poetry.*—Maharastra Rasawanti Part II by Prof. Ranade. Pages 1 to 28 and 88 to 104.

Grammar.—Marathi Vyakarnachimula Tawen by G. H. Kelkar. Publisher—Bombay Book Depot. Chapters XI to XIV.

Composition.—Nibandha Lekhan by V. V. Bhide, Reflective Essays.

(*b*) TELUGU.

Class IX and X :—

Poetry.—Sahitya Mujusha, Part II. (Venkata Rama & Co. Secunderabad). Portions prescribed :—

1. Tikkana : Agnata Charya 42 Verses.

2. Manchana-Madhubinduvula Kalhat 10 verses.

3. Potana-Sri Krishna Janmam, 37 verses.

4. Sri Nadha-Hamsa Dutyam 31 verses.

5. Ghattu Prabhu-Muchelopakhyanam, 38 verses.

6. Subhashitamula—15 verses.

7. R. Subba Rao—Agnipravesam 18 verses.

8. Parvati Tapamu—30 verses.

Prose:—1. Sahitya Manjusha, Part II—The whole, Pages 80—207.

2. Bhishma Charitra by M. Purushottam Sarmu.

3. Benjamin Franklin Jivita Charitram by Pasumarti Srinivasa Rao, B.A. (Vijnana Chandrika Mandali, Bezwada).

Grammar:—Vyakarana Bodhini, published by Sundar Rama & Co., Tenali.

(c) KANARESE.

Class IX:—

Prose:—Namma Urina Rasikam by G. Ramaswamy Iyangar (First Half).

Poetry:—Bharata, Sabhaparva, Sandhis 9 & 10.

Grammar:—Sabdadarsa by B. Mallappa.

Class X:—

Prose:—Namme Urina Rasikam (the whole) by G. Ramaswami Iyangar.

Poetry:—Bharata, Subhaparva Sandhis (11).

Grammar:—Sabdadarsa by B. Mallappa.

3. HISTORY OF ENGLAND.

Bukley's History of England (O. U. Series).

4. ALGEBRA AND GEOMETRY.

نظری علم ہند سہ ۔ ڈاکٹر رضی الدین صدیقی و خواجہ محی الدین
صاحبان ۔ کتاب خانہ انجمن ترقی اردو عابد روڈ حیدر آباد دکن ۔

For detailed Syllabus vide Appendix.

5. COMMERCE.

No book is prescribed in Commerce. For detailed Syllabus vide Appendix.

6. BIOLOGY.

Book recommended:—

Biology Part III by Prof: Sayeeduddin.

For detailed syllabus vide appendix.

7. ISLAMIC HISTORY.

تاریخ اسلام مصنفہ امیر علی و مترجمہ انشاءاللہ خان (آ نحضرت صلعم
کی ولادت سے سقوط غرناطہ تک بحذف ابواب ۱۸ ، ۲۴ ، ۲۵ ،
۳۰ ، ۳۲ ۔

8. DOMESTIC SCIENCE.

For detailed Syllabus vide Appendix.
Books recommended for reference.

Name.	Author
1. Manual of Hygiene. and Domestic Economy.	Charles Banks.
2. Manual for the Mackenzie School Course in First Aid Hygiene and Sanitation.	Ruth Young, B.Sc., M.B.,Ch.B., W.M.S.
3. House hold Management.	Ecford & Fitzgerald.

C. SCHOOL SUBJECTS.

For detailed syllabuses in Drawing, Physical and Manual Training vide Appendix.

شعبہ دینیات

سنہ ۱۳۵۲ف و سنہ ۱۳۵۳ف

قواعد شرکت امتحان حسب شعبہ فنون ہونگے۔

(۱) میٹریکیولیشن شعبہ دینیات کے مضامین امتحان حسب ذیل ہونگے۔

(۱) انگریزی (۲) تاریخ ہند و جغرافیہ (۳) ریاضی ابتدائی (۴) سائنس (۵) عربی

مضامین مندرجہ بالا کا نصاب وہی ہوگا جو امتحان میٹرک شعبہ فنون کے لئے مقرر ہے۔

(۶) عقائد (ایک پرچہ ۱۰۰ نشانات ۳ گھنٹے کا ہوگا) فقہ اکبر امام ابو حنیفہ بزبان عربی۔

(اساتذہ کو چاہئے کہ شرح ابو منصور ماتریدی کو پیش نظر رکھکر طلباء کو اس مضمون کو سمجھائیں)

(۷) فقہ و حدیث (ایک پرچہ ۱۰۰ نشانات ۳ گھنٹے کا ہوگا) الف۔ فقہ۔ قدوری کے ابواب ذیل۔

کتاب الزکواۃ	کتاب الصلواۃ	کتاب الطہارۃ
,, النکاح	,, الحج	,, الصوم
,, الایمان	,, الطلاق	,, الرضاعہ
,, الکراہۃ	,, الاضحیۃ	,, الصید والذبائح
	,, الواقف	

ب ۔ حدیث ۔ الادب المفرداز امام بخاری

۲ ۔ امتحان میٹریکیولیشن شعبہ دینیات کے نشانات کامیابی
حسب ذیل ہونگے ۔

درجہ اول کی کامیابی کے لئے کم ازکم ۶۰ فیصد

درجہ دوم کی کامیابی کیلئے انگریزی و تین مضامین میں ۳۵ فیصد
بقیہ مین ۲۵ فیصد' اور بحیثیت مجموعی ۳۵ فیصد نشانات حاصل
کرنا ضروری ہے ۔

درجہ سوم کی کامیابی کیلئے انگریزی اور تین مضامین میں ۳۵فیصد
بقیہ میں ۲۵ فیصد اور بحیثیت مجموعی ۳۰ فیصد نشانات حاصل
کرنا ضروری ہے ۔

۳ ۔ ناکام امیدوار کسی امتحان مابعد میں صرف ان مضامین میں
شریک ہوسکتے ہیں جن میں انکے نشانات محصلہ ۳۰ فیصدی
سے کم ہوں ۔ ایسے امیدوار گروپ سسٹم کے تحت کامیاب قرار
دے جائینگے بشرطیکہ وہ امتحان مابعد میں شریک ہوکر
ناکام مضامین میں ۳۰ فیصدی نشانات حاصل کرلیں ۔ ایسے امیدوار
کالج میں داخل ہوسکیں گے ۔

APPENDIX.

DETAILED SYLLABUSES.

(*Compulsory*)

(1) Elementary Mathematics

(a) *Arithmetic.*—The four rules applied to integers, vulgar ·fractions, the decimal fractions in particular. Indian and English money, weights, measures of length, area, ·volume, capacity and time; the metric system. Approximations, C o n t r a c t e d methods of multiplication of decimals. Simple forms of recurring decimals. Ratio and proportion and exchange. Percentage and its applications. Profit and loss. Simple Interest, and Compound Interest, (direct problems only, number of periods for calculation not to exceed 2) Averages, Square root.

(b) *Mensuration.*—Elementary Mensuration of plane rectilinear figures (a knowledge of the use of field book not required); circles, surfaces and volumes of rectangular solids, right circular cylinder and cone (Frustum excluded); sphere.

(c) *Algebra.*—Algebraic quantities and extension of 4 fundamental rules to them—formal proofs not required. Symbolic expression of the general results of Arithmetic. Calculation of the numercial values of expressions and formulae by substitution. Simple factors and formulae.

$$(a + b)^2 = a^2 + 2\,ab + b^2$$
$$(a^2 - b^2) = (a + b)\,(a - b)$$
$$(a + b)^3 = a^3 + 3\,a^2b + 3\,ab^2 + b^3$$
$$a^3 - b^3 = (a - b)\,(a^2 + ab + b^2)$$

Simple fractions with linear denominators. Linear equations involving one or two variables and problems relating thereto. Plotting Statistics; linear graphs.

(d) *Practical Geometry*:—Bisection of straight lines and angles, drawing perpendicular and parallels to a given straight line; construction of an angle equal to a given angle. Experimental deduction of the elementary properties of triangles and parallelograms. Simple cases of construction of triangles and quadrilaterals from given data. Elementary properties of the circle-arcs, chords, sectors and tangents. Construction for finding the centre of a circle or an arc of a given circle. Construction of tangents to a circle and common tangent to two circles. Very simple cases of construction of circles from given data. Construction of a circle in or about a triangle. Division of a straight line into any number of equal parts or into parts in a given proportion.

(2) Elementary Science.

N.B.—The treatment of the subject-matter should be elementary and popular. Only Laboratory methods of preparation are expected. All quantitative relations and mathematical calculations are to be avoided.

(i) PHYSICS.

(a) *Preliminary*:—Units, British and Metric, for measurements of length, area and volume. Measurement of time, unit of time, Rectilinnear translation of a rigid body, definition of velocity and accelaration. Laws of motion. Definition of momentum and force, gravitation, weight. Distinction

between mass and weight. British and C. G. S. units of mass and force. The balance. General properties of matter. Density and specific gravity. Simple machines in equilibrium; levers; the single pulley. Properties of fluids, Liquid pressure. Principle of Archimedes. Pressure of the atmosphere. Boyle's Law, Barometer (Cistern) and pumps (simple forms of air pump and water pump). The siphon.

(b) *Heat*:—Effects of heat: expansion of solids, liquids and gases. Temperature, Thermometers. The expansion of water. Distinction between quantity of heat and temperature. Calorimetry. Melting point. Cold produced by evaporation. Vapour pressure. Influence of pressure on boiling point of liquids. Transmission of heat, conduction, convection and radiation.

(c) *Light*:—Rectilinear propogation of light, reflection and refraction of light; refractive index. The formation of images by reflection. Graphic methods of determining the position and size of an image formed by reflection and refraction (applicable to plane and spherical surfaces). Deviation and dispersion produced by a prism (omit minimum deviation). Simple optical instruments; astronomical telescope, microscope, photographic camera and magic lantern.

(d) *Magnetism*:—Magnets and magnetic substances. Induction methods of magnetization. Terrestrial magnetism. Declination and its determination.

(e) *Electricity*:—(i) Static Electricity:—Electrification by friction. Pith-ball electroscope. Conductors and non-conductors. (ii) Voltaic Electricity:—Production of electric current. Voltaic Cell. Local action and polarization. Daniell, Leclanche and Bichromate cells, Galvanoscope. Electrolysis (omit Faraday's Laws). Voltameter (Water) Electromagnets. Electric bell. Heating effects of the current (omit Joule's Law).

(ii) CHEMISTRY.

Elements, compounds and mixtures. Solutions (in water only); decantation, filtration, evaporation and distillation; saturated solution, crystallisation and water of crystallization; sublimation and precipitation. The use of these processes in the preparation of pure substances. Examples of physical and chemical changes. Combination, and decomposition. The study of air—its composition, burning and rusting. Acids, bases, and salts; neutralization. Types of chemical changes. Metals and Non-metals. The law of constant proportion. Preparation and properties of oxygen. Preparation and properties of hydrogen; oxidation and reduction. Study of water, natural waters, hard and soft waters, purification of drinking water, electrolysis of water. Preparation and properties of nitrogen, nitric acid and ammonia. Carbon. Preparation and properties of a carbon dioxide. Combustion; structure of a candle flame, Sulphur and its properties. Preparation and properties of hydrogen sulphide, sulphur di-oxide and sulphur tri-oxide. Preparation and properties of sulphuric acid. Phosphorus and its properties. Matches. Natural forms of silica; glass. Preparation and properties of Chlorine and of Hydrochloric

acid. Sodium, its occurrence and properties. Properties of sodium hydroxide; sodium chloride, sodium nitrate, sodium sulphate, sodium bicarbonate. Patossium, its occurrence and properties. Properties of Potassium hydroxide, potassium chloride, potassium chlorate and potassium nitrate. Preparation of soap. Calcium Carbonate; preparation and properties of calcium oxide and calcium hydroxide. Elementary ideas about lime, mortar, cement and bleeching powder.

Properties of Magnesium, magnisium sulphate and magnesium oxide. Copper, its occurrence and properties; preparation of copper sulphate.

Aluminium, its occurrence and properties; preparation and properties of aluminium sulphate and alum.

Mercury, its occurrence and properties. Properties of mercuric oxide, mercurous chloride and mercuric chloride.

Lead, its occurrence, and properties. Properties of litharge, red lead, lead carbonate and white lead.

Silver, its occurrence and properties. Preparation and properties of silver chloride and silver nitrate. Uses of silver salts in electroplating and photography.

Iron, its occurrence, properties and uses. Properties and uses of cast iron and steel. Preparation and properties of ferrous oxide, ferric oxide, magnetic oxide of iron and ferrous sulphate.

3. GEORGRAPHY.

General Geography of the World in outline, with special reference to the British Empire, together with

India in fuller detail and the essentials of Physical Geography; Surface of the Earth; Volcanoes and Earthquakes; the Zones, Latitude and Longitude, Day and Night; the seasons; the Solar System: phases of the Moon; Waves, Tides and Currents.

Optionals.

1. ALGEBRA AND GEOMETRY.

(a) *Algebra*:—Generalised Arithmetic. Algebrical laws and principles and their application. Factors and Formulae. Identities. Functional notation. Remainder Theorem and its applications. Linear equations in one, two and three variables. Solution of Quadratic Equations in one variable. Solution of problems by means of such equations. H.C.F., L.C.M., fractions. Square root of simple rational integral functions. Theory of Indices. Graphs of linear and quadratic fractions, in one variable and their applications to the solution of equations and problems.

(b) *Geometry*:—The course in Geometry will be both practical and theoretical. Practical geometry will include constructions given in Schedule 'A' together with easy extensions of them. Proofs of constructions will also be required. Theoretical Geometry will include theorems together with easy deductions from them. Any proof of a proposition which appears to form part of a systematic treatment of the subject will be accepted. In the proof of theorems hypothetical constructions will be allowed. Symbols and Algebraic notation may be freely used.

Schedule "A"

Bisection of straight lines and angles.

Construction of (1) perpendiculars, (2) parallels to straight lines.

Construction of angle equal to a given angle.

Simple cases of the construction of triangles and quadrilaterals from given data.

Division of straight lines into a given number of equal parts, or in any given data.

Construction of a rectangle equal in area to a given triangle.

Construction of a triangle equal in area to a given rectilinear figure.

Simple cases of the construction of circles from given data.

Construction of tangents to a circle and common tangents to two circles.

Construction of a square equal in area to a rectangle and geometrical extraction of square roots of rational numbers.

Construction of regular figures of 3, 4, 6, or 8 sides, (1) in or about a given circle and (2) on a given straight line.

Construction of (1) a fourth proportional to three given straight lines, (2) a mean proportional to two given straight lines.

Schedule "B"

Angles at a point.—If a straight line stands on another straight line, the sum of the two angles so formed is equal to two right angles; and the converse.

If straight lines intersect, the vertically opposite angles are equal.

Parallel Straight Lines.—When a straight line cuts two other straight lines, if (1) a pair of alternate angles are equal, or (2) a pair of corresponding angles are equal, or (3) a pair of the interior angles on the same side of the cutting line are together equal to two right angles, then the two straight lines are parallel and the converse.

Triangles and Rectilinear Figures.

The sum of the angles of a triangle is equal to two right angles.

If the sides of a convex polygon are produced in order, the sum of the exterior angles so formed is equal to four right angles.

Two triangles are congruent.

(1) If two sides of the one are equal to two sides of the other, each to each, and also the angles contained by those sides equal.

(2) If the two angles of the one are equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other.

If two sides of a triangle are equal, the angles opposite to these sides are equal; and the converse.

Two triangles are congruent if the three sides of the one are equal to the three sides of the other, each to each.

Two right-angled triangles are congruent, if their hypotenuses are equal and one side of the one is equal to one side of the other.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it; and the converse.

The opposite sides and angles of a parallelogram are equal, each diagonal bisects the parallelogram and the diagonals bisect each other.

If the intercepts made by three or more parallel straight lines on any straight line that cuts them are equal then the corresponding intercepts upon any other straight line that cuts them are also equal.

Area.

Parallelgrams on the same base or on equal bases and of the same altitude are equal in area.

Triangles on the same base or on equal bases and of the same altitude are equal in area.

Equal triangles on the same base or on equal bases are of the same altitude.

The square on a side of a triangle is greater than, equal to, or less than the sum of the squares on the other two sides according as the angle contained by these sides is obtuse, right or acute. The difference in the cases of inequality is twice the rectangle contained by one of the two sides and the projection on it of the other.

The Circle.

A straight line drawn from the centre of a circle to bisect a chord which is not a diameter is at right angles to the chord; and the converse.

In equal circles (or in the same circle) :—

(1) If two arcs subtend equal angles at th centre they are equal and the converse.

(2) If two chords are equal, they cut off equa arcs; and the converse.

Equal chords of a circle are equidistant from th centre; and the converse.

The tangent at any point of a circle and the ra dius through that point are perpendicular to one ar other.

If two circles touch each other, the point of cor tact lies on the straight line through their centres.

The angle which an arc of a circle subtends at th centre is double that which it subtends at any poin on the remaining part of the circumference.

Angles in the same segment of a circle are equa and if the line joining two points subtends equa angles at two other points on the same side of it, th four points lie on the circumference of a circle.

The angle in a segment is greater than, equal t or less than a right angle according as the segment i less than, equal to or greater than a semicircle.

The opposite angles of any quadrilateral inscrib ed in a circle are supplementary; and the converse.

If a straight line touches a circle and from th point of contact a chord is drawn, the angles whic this chord makes with the tangent are equal to th angles in the alternate segments.

If two chords of a circle interest each other eithe inside or outside the circle, the rectangle containe

by the segments of the one is equal to the rectangle contained by the segments of the other.

Loci.—

The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consists of the pair of straight lines which bisect the angles between the two given lines.

The locus of the vertices of all triangles which have the same base and their vertical angles equal to a given angle is the arc of a segment of a circle.

Proportion:—Similar Triangles:—(Proofs applicable only to commensurable quantities will be accepted).

If a straight line is drawn parallel to one side of a triangle, the other two sides are divided proportionally; and the converse.

If two triangles are equiangular, their corresponding sides are proportional and the converse.

If two triangles have one angle of the one equal to one angle of the other, and the sides about these angles proportional, the triangles are similar.

The internal bisector of an angle of a triangle divides the opposite sides internally in the ratio of the sides containing the angle, and likewise the external bisector externally.

(2) COMMERCE

Elementary Book-keeping.

Double Entry—
Its meaning, principles and advantages. Waste book, Journal and Ledger. Journalising transactions of the following descriptions.

Cash and Credit sales and purchases, Cash receipts and payments, Petty Cash disbursements, Bank Account. Cheques received and drawn, endorsed, honoured and dishonoured, rent, salaries, trade expenses, interest, discount, commission, repairs, depreciation, bad debts, Bills of exchange, drawn, accepted, endorsed, honoured, dishourned, noted, renewed, and r e t i r e d under discount, Government and other securities, house property, plant and machinery, furniture, drawings.

Provision for bad debts and discount; Suspense A|c Outstanding and Pre-payments.

Posting the journal entries into Ledger, drawing a Trial balance, Profit and Loss A|c and Balance sheet.

English System—

Subsidiary books and their use. Three columns cash book, Purchase and sales of books, Purchase Returns and Sales Returns books, Bill receivable and Bills payable, Books Journal. Posting the subsidiary books into Ledger and drawing the balance sheet.

Inland and foreign invoice and account sales Consignment A|c, Trading and Profit and Loss A|c Contract A|c. Partnership A|c of a simple nature

such as admission of partner and division of profits. Good will and its treatment on the admission of a partner.

Reserve and Reserve Fund.

Single entry system, its disadvantages. Method of finding profit under single entry, Statement of affairs.

Commercial Practices—

The essentials of successful business management:—

Executive ability, system of administration and office facilities.

Office Organisation—

Incoming correspondence, out-going correspondance, reference number, copying of correspondance for office reference, carbon copy, Press copy machine: folding letters and addressing envelopes. Enclosures. Late fee letters, Postage Box. Filling of correspondence:—Vertical filing, Alphabetical system and Numerical system Pigeonhole filing.—Flat file system. Clip, Box needle or spike, and arch file.

Indexing—

Alphabetical index. Vowel index, cross reference index.

Card index Drawers. Telephone and Telephone Register.

Duplicating Process—

Stencil copying, Rotary Duplicator.

Machines:—Calculating machine, Adding machine, Dictating machine.

Business Callers, Appointments.

Petty Cash Book.

Purchases and Sales—

Difference between an agreement and a contract
Essential points in a contract of sale.

Documents used in Commercial Sales.—

Price list, Price current, Tenders, Orders, In
dents, Contract notes, Delivery orders, Invoices, Ac
count sales, Debit and Credit notes, Statements an
Receipts.

Correspondence-—

Private, business and official, Accuracy, Preci
sion and politeness.   Setting out a letter, address
form of salutation, body of the letter and complimer
tary close, signing the letter.   Writing business letter
of a simple nature such as enquiries, orders, despatc
of goods, remittances complaints, etc.

Telegrams—

Drafting telegrams—Economy and clearness.

Code words-cipher code.

Money—

Paper and metallic, Legal Tenders, Standard c
Value.   Methods of remitting money.

Banks and Banking—

Private Banks, Joint stock banks, Co-operativ
Banks.   Exchange Banks, Imperial Bank of Indi
and Post Office Savings Banks, Business transacte
by Banks.

Fixed deposit and current account.   Advantag
of a Banking account.   How to open account with
Bank, Paying slips, Pass Book.

Cheques—

Order and Bearer, Crossed cheques and Not Negotiable cheques. Endorsement. General and special presentment for payment. honour and dishonour; stopping payment.

Bills of Exchange—Inland and Foreign.

Drawing, accepting, honouring, dishonouring, noting, protesting and renewing. Advice slip. Currency of bill. Days of grace. Endorsement, Usance, Sola, Case of need. Promissory Note. Difference between Bill of Exchange and Promissory Note Allonge. I.O.U. Letter of Credit and Circular letter of Credit, Negotiable Instruments, Hundi. How money is transferred through a bill of Exchange.
Merchantile Houses.

Sole Traders, Firms and Companies. Partnership, limited and unlimited, Partnership Deed. Active and dormant partners. Rights, duties and liabilities of a partner. Dissolution partnership.

Terms and abbreviations used in commerce.

Meaning of Home trade. Foreign trade, Balance of trade, Balance of account, volume of trade, Import and Export trade, Carrying trade and Retail trade. Bill of Landing.

Insurance—

Elementary principles of Life. Fire and Marine Insurance, with terms used in Insurance.

Foreign Exchange—

Par of Exchange, Course of Exchange. Monitary Standards of principal countries of the World.

3. BIOLOGY.

PART I.

ELEMENTARY BIOLOGY.

Life of animals based purely on the observatio1 made *on Frog*: External parts and their wor internal parts and their work; digestive system; foc and digestion. Circulatory system and blood, wo1 of blood and need for circulation. Lungs and breat ing. Kidneys and excretion. Nervous system: se sation and special senses. Bones and supports. R productive system and reproduction. (*All these a to be treated in a very elementary manner*).

Elementary knowledge of the classification animals—Illustrated mainly by the common loc animals.

Life of plants based mainly on the bean plant be dealt with in a very elementary way—Vario forms of plants: herbs, shrubs and trees; climbi1 plants, parasites; parts of the plant and their wo1 Leaves; manufacture of food, loss of water to a. Stem carrying water and food, support of leav Root: collecting water and salts from the soil, hol ing the plants in position. Flower; pollination; fe tilization; fruits and seeds and their dispersal. T new plant in the seed; germination. (*All these to treated in a very elementary manner.*)

The value of plants and animals to man—Foc fuel, clothes, power, building material, medicin pleasures, scavenging of waste materials (dogs, jε kals, crows, vultures, bacteria, fungi).

Animals and Plants that are harmful to man

(*Treated in a very elementary manner*).

(1) That feed on man and animals: Ticks, lice, Fleas, bedbugs, mosquitoes, intestinal worms —(External features only).

(2) That feed on plants: distruction of plants by insects (common examples). Elementary description only.

(3) That cause diseases in man and animals— animal parasites (malarial parasite: hookworm) and bacteria (cholera, plague, small-pox, tuberculosis, rabies) (all these treated in a very elementary manner). Life-histories are not required, but only a very simple idea of the diseases is to be given.

(4) That cause diseases in plants: Parasitic fungi (mildews smuts, rusts). Life-histories not required, but an idea of the damage done by these fungi to their hosts.

(5) That carry diseases: insects (flies, fleas, mosquitoes); rats; (Simple names of such diseases, and not the life-histories of the animals).

(6) That destroy property: rats; white-ants; beetles; bacteria and moulds in food; wood-rotting fungi. (very elementary knowledge of their habitat only).

Biology Demonstration.

The teaching of theory should be illustrated by experiments as far as possible, and demonstrations,

both macroscopic and microscopic, are to be consider
ed essential part of the teachers' work. The course i
Biology will not require any extensive expenditure o
equipment and materials. Practically all material
can be easily collected from the local fauna and flor;
No microscopic work is to be done individually by th
pupils.

Demonstration of common representatives of th
animal kingdom as obtained locally, and their sketck
ing. Students should be encouraged to develop th
taste of observation and to collect materials. The
should also develop habits of making museum colle
tions, their labelling, preservation, etc.

Collection and sketching of the common loc;
plant forms.

Study and sketching parts of a plant.

Observation of insects that feed on cultivate
plants.

Collecting of fungus diseases of plants, especial
of crop plants.

Examination of the breeding places of mosqu
toes, flies and rats.

*Books recommended for the guidance of the
Teachers* :—

Parsons—Everyday Science.
Potter—Biology by discovery.
T. J. Moon—Biology for beginners.

N.B.—Great stress should be laid on pure obser\
tions, field-work and biological excursioi
museum and herbarium studies.

A note on the teaching of Elementary Biology for the guidance of teachers—The course in Elementary Biology, including Human Physiology and Hygiene, is intended to awaken the general interest of young students and to give them an intelligent appreciation of everyday life around them. With this main object in view, the syllabus is mainly based on *pure observations* of a few animals and plants, and is of a very elementary character. The teacher should keep this basic principle in mind as laid down in the syllabus while presenting the different sections of the subjects, and emphasize the part these sciences play in modern life. In Biology the teacher should emphasize the life-functions of frog and man rather than details of structure. In plants, it is not the shapes and kinds of structure that should be emphasized, but the fact that the plant is a living organism. How animals and plants obtain their food, breathe, react to their surroundings and reproduce their kind rather than elaborate details of their structure is the most important thing.

Practically every item of the syllabus can be illustrated by a simple demonstration, *and students should always be encouraged to learn the subject more from direct observation and experience of nature (viz., by making excursions and going about on the field) rather than by cramming notes and reading books alone.* The teacher is recommended to prepare his material for demonstration carefully before he goes into the class.

ELEMENTARY HUMAN PHYSIOLOGY AND HYGIENE.

As a basis for the teaching of Hygiene there should be a preliminary simple treatment of the following topics in Elementary Human physiology:—

The human skeleton, the organs of digestion; th<
circulation of the blood; the nervous system; respi
ration; Excretion; Resproduction.

HYGIENE.

Precautions against diseases:—Infectious disea
ses (small-pox, measles). Colds and influenza. Tuber
culosis. Enteric fever; dysentery. Diarrhoea, ch<

Air:—Composition of air, importance of pur
air. Impurities of air. Diseases caused by impur
air. Ventilation.

Water:—Composition of water. Quantity <
water required. Sources of water-supply; spring
deep wells, surface wells, rivers, tanks. How wate
is polluted. How to prevent pollution of water. Ho
to purify water: boiling and filtering.

Food:—Composition of food. Composition <
good diet and its importance. Preservation of foo
Cooking of food. Drinks and condiments.

Personal Hygiene:—Cleanliness of body, hai
nails, teeth, etc.); clothing, exercise, importance
temperance; spitting.

Precautions against diseases:—Infectious d
eases (small-pox), measles). Colds and influen·
Tuberculosis. Enteric fever; Dysentery. Diarrho·
cholera; plague, malaria, itch, leprosy, ophthaln
(sore-eyes).

Books recommended for the guidance of Teachers.-

Marie Stopes—Human Body.
T. Huxley—Elementary Physiology.
Lukis & Blackham—Tropical Hygiene (Thac]
Spink & Co.)

4. DOMESTIC SCIENCE.

Class VIII—

(A). *Physiology—*

A simple outline of the working of the body—

    (1) The Skeleton System—

        Types and names of the chief bones.

        Classification of joints. Uses of the Skeleton.

    (2) The Muscular System—

        Voluntary and Involuntary Muscles.

    (3) The Circulatory System—

        Structure and function of the heart, arteries, capillaries and veins. Composition and function of blood. Interchange of gases in the tissues and the lungs, distribution of nourishment and removal of waste from the tissues.

(B) *Personal Hygiene—*

    (1) Personal cleanliness, care of the skin, teeth, hair and nails. Action of soap.

    (2) Clothing, Cleanliness of clothing. Suitable materials for hot and cold climates. The evils of unhealthy clothing.

    (3) Importance for health of sufficient rest, sleep and daily exercise. The effects of sudden chilling of the skin.

First Aid—

    (1) How to deal with—

        Choking.

        Hiccough.

        Foreign bodies in the eyes, ears, nose an
           throat.

        Suffocation and insensibility. Drownin
           and artificial respiration.

    (2) Poisons, *e.g.* Alcohol, Carbolic, Opiun
        Prussic Acid, Copper, Lead and Ptomain
        Their symptoms and treatment.

    (3) General rules for the treatment of sco
        pion and bee stings, dog and snake bites

(C) *Housecraft*—

    (a) Accounts, Cheques and Receipts. How
        deal with Banks, Money and Parcels se
        by Post, V.P.P. Telegrams.

Laundry Work—

    Water.—Sources of water supply. The col
    position, uses and purification of wate
    Uses and kinds of starch, blue and soap

<div align="center">PRACTICAL.</div>

First Aid—

    How to deal with Fractures. Bandages j
    cuts and wounds. Transport of the
    jured.

Housecraft—

> Table appointment and serving of different meals according to Indian and English customs. Ware etiquette. Care of silver, brass, enamel were and furniture. Removal of estains from walls, floors and house-hold furniture.

Laundry Work—

> Water as a cleanser in laundry work.
>
> Care of laundry utensils. Action of hard and soft water.
>
> Washing and finishing of white, coloured silk, artificial silk and woolen clothes.

Needle-work—

> Pattern making by paper folding. These should be made in full size for magyar garments, knickers and pyjamas, kurtas.

Processes—

> Revision of Seams—running, falling, Frensh—by hand and machine. Setting gathers into a band. Button holes.

Decoration—Decorative stichery. How it differs from embroidery padded initials.

Cookery—

> Indian Cookery—
>> (a) Bread—Phulkas, puri, samboosa.
>> (b) Rice—Plain rice and Khitchery.
>> (c) Kabads—Shami and Shikampur.

(d) Curries—Keems, dalcha, meat cook
ed with different vegetables an
greens..

(e) Chutneys—Dahi, till kachumar, Nau
ratan.

(f) Murabbas—Mango, Naspati, Aprico
tomato, apple and guava.

(g) Preparation of a complete Nashta.

Invalid Cookery—

Boiled and baked custard.

Porridge, Rice Dalia, Sago.

Invalid Khichree (Mung).

Egg preparations, light boiling, poaching

Butter milk.

Chicken broth (Jars).

Gruel.

Barley gruel and barley water.

Jellies and Puddings.

English Cookery—

The buying and storing of various types o
foodstuffs.

Their protection from decompositic
caused by bacteria and moulds.

Puddings, fruit salads, simple biscuit an
plain cakes.

Class IX.—

(A) Physiology—

    (1) *The Respiratory System*: The Air passages, Mechanism of respiration. Structure and function of the lungs. Bad effects of mouth breathing.

    (2) *The Extretory System*: The origin of the waste products of the body. The excretory organs, structure and functions of the skin, kidneys and large intestines.

(B) *Hygiene*—

    (1) *Air*: Its composition and properties. The need of air. The kind of air required. Inpurities of expired Air.

        Impurities in the air of inhabited places. How impure air should be purified.

    (2) *Diseases*: Simple facts concerning common infectious and contagious diseases chiefly with a view to preventing their spread. Ways in which diseases are carried, such as colds, influenza, plague, small pox, measles, cholera, malaria, tuberculosis, typhoid, hydrophobia and leprosy.

(C) *Housecraft*—

    (1) Management and regulation of expenditure in proportion to income. Evils of the instalments system and advantages of cash payment.

(2) Care of children. Feeding, clothing, bathing and regulation of habits.

(3) Disinfectants and Insecticides for household pests such as fleas, flies, bugs, mosquitoes, cockroaches, silk fish.
Disinfection during epidemics.

PRACTICAL.

Housecraft—

Making soap, Vim, Furniture polish, Flit.
Daily and Weekly cleaning of all rooms, sinks and drains.

Laundry Work—

Preparation of simple reagents. Removal of simple stains.

Special care of lace, embroidery. Sample.
Deying and Bleeching.
How to wash infected clothing.

Needle-work—

Pattern making for petticoats, bodies, blouses. Sudhria, night dresses.

Processes—

Application of methods.
How Crossway pieces are used for binding, piping, facing and false hems.

Insertion of Gussets.
Making bound buttonholds. Hemstitching.
Care and cleaning of the sewing machine.

Mending—

Invisible mending.

Cookery—

Indian Cookery :

> (a) Bread—Parhatas and Chapaties. Mal Puri and Alooki Puri.
> (b) Rice—Bhagara Rice and vegetable pallao.
> (c) Kabab—Fish and Pasinda Kabab.
> (d) Curries—Kofta Curry mahi khalia, khurma, Dhai-ke-kari. Rice-ke-Kari.
> (e) Pickles—Lime, Mango, Tamarind, Orange, Karna, Fish and Fowl, Shaljum-ke-Achar.
> (f) (i) Sweets—Kheer, Potatoes, Sago, Rice, Falooda, Amrit phal and gulab jamun.
>   (ii) Halwa—Egg halwa, Rava and pumpkin and carrot halwa.

Invalid Cookery—

How to make a light diet.
Quantity and service.
How to prepare arrowroot, boiled fish, steamed chicken. Vegetables.

English Cookery—

Arrangements for Picnics, Tea-Parties. Quantities and cost.
Shortbread.
Rich cake.

Class X :—

THEORETICAL.

(A) *Physiology*—

The Digestive System.

Why digestion is necessary.

Process of digestion in the mouth, stomach and small intestine.

Absorption of food.

The nervous system.

The brain and spinal cord.

Motor and Sensory Nerves.

Reflex Action.

The Organs of the Senses.

(B) *Hygiene*—

Food—Why food is necessary. Constituents of foods. Common foods and their constituents with special reference to milk and eggs. Importance of a mixed and varied diet. Advantages and disadvantages of cooking food. Dangers of stale and dirty food. Methods of preserving food.

Water—Common Water—Plentiful supply essential for cleanliness and drinking. Common impurities. Filtering and boiling as methods of purification. Diseases caused by dirty water.

Sanitation—Importance of cleanliness of surroundings water carriage and dry system of sewage removal. Methods of disposal of house refuse in town and country.

(C) *Housecraft*—

1. Choice of a house, situation, aspect, ventilation, regulation of temperature, artificial lighting. Sub-soil and drainage. Arrangement of rooms. Proper location of kitchen and bathrooms.

2. Investiments. Post Office, Saving Bank, Annuities. Government Stock, Endowment Policies and Life Assurance, Co-operative Stores and Societies.

3. Management of Servants, Appointment, Dismissal. Testimonials.

4. Etiquette—Rules for visiting and entertaining. General rules of etiquette to be observed at places of entertainment. Rules for travelling and preparations for journeys.

5. Home Nursing—General control of the sick-room. Visiting the sick. How to receive the Doctor.

PRACTICAL.

Home Nursing—

Bed making and changing of sheets. Making of poultices. Fomentations. Arrangements and cleaning of the sick-room. Care of the sick-room. Sick-room utensils. Temperature charts. Bed-sores, their prevention and cure.

Needle-work—

Pattern making—

    (a) From direct measurement.

    (b) Taken from made up garments. Revision of other methods. Baby garments.

Processes—

    (1) Added pieces—openings.

    (2) The setting in of collars and sleeves.

Mending—

    (1) A hedge tear darn.

    (2) Application of rules for mending.

Decoration—

    (1) Simple shading.

    (2) Karchob work.

    (3) Hardanga work.

Materials—

The nature, suitability and hygienic value of materials.

Approximate prices, width and quantities.

Simple Home Furnishing—

The making of curtains, cushions, loose covers and very simple upholstery.

Cookery—

Indian Cookery—

    (a) Bread .. (1) Roghni Roti.

              (2) Meethi Puri.

    (b) Rice .. (1) Fish.

              (2) Mutton.

              (3) Fowl.

(c) Kabab .. Fowl and Shikh Kabab.

(d) Curries.. (1) Fowl Curry.
                (2) Fish Curry.
                (3) Dupiaza.
                (4) Bhagara Baigan.
                (5) Kari Kabab.
                (6) Kutt.

(e) Halwas.. (1) Hub-ka-Halwa.
               (2) Almond Halwa.
               (3) Savian-ka-Muzaffir.
               (4) Badam-ki-Jali.

(f) Preparation of a complete Lunch and
     Dinner.

nglish Cookery—

(1) Menus for various types of people, invalids
     and children. Prices and quantities.

(2) Cooking Processes—

          Boiling.
          Steaming.
          Stewing.
          Frying.
          Baking.
          Grilling.

(3) Jams, Pickling and Preserving.

(4) Sponge cakes, simple icing.

(5) Preparation of various salads and simple
     dressings.

(6) The using up of left over foods.

SCHOOL SUBJECTS.

(1) *Drawing.*

LASS VIII.

1st *Term.*

1. Drawing from flat (Free Hand).
2. Geometrical Drawing.
3. Memory Drawing.

2nd *Term.*

Iodel Drawing.

Books Recommended:—

1. The teaching of Drawing by I. H. Morris.
2. Geometry by I. H. Morris. Problems 1 to 100.

CLASS IX.

1st *Term.*

1. Free-hand and Model Drawing, (alternate lessons) in more developed forms than the class VII Standard.
2. Geometrical Drawing.

2nd *Term.*

Foliage from nature flat Tinting
Books Recommended.

1. Same as for Class VIII.
2. Same as for Class VIII. Problems 100 to 200.

CLASS X.

1st Term.

1. Free-hand Drawing in more developed forms than the Standard of Class IX.

2. Geometrical Drawing and Mechanical Measurement.

2nd Term.

Summing up and revision of subjects taught in the last term and in terms of Class VIII and IX.

Books Recommended.

1. The teaching of Drawing by I.H. Morris.
2. I. H. Morris Book of Geometry. 200-223 problems.

(2) *Manual Training Wood-work.*

CLASS VIII.

(a) *Scientific Principles.—*

(Educational advantages to Manual Training Principles of Projection.)

(b) *Practical Principles.—*

By demonstration (saws and sawing planes and planning, etc.)

(c) *Practical work* (A round ruler. A penholder. A hat rack. Key-board. A tiolet box. A picture frame, etc.)

CLASS IX.

(a) *Scientific Principles.—*

Growth and parts of prowing tree, Germination roots and leaves, their development and food supply Seasoning timber. Shrinkage of timber. Chemica structure of wood and products formed by chemica changes etc.

(b) *Practical Principles.—*

(Miscellaneous Tools, Grind stone and grinding Notes on various tools).

(c) *Practical work.—*

Levelling Rule. A simple Ink Stand. A lett rack. A Towel roller. A Book-shelf (Key joint) tea tray, etc).

CLASS X.

(a) *Scientific Principles.*

1. Science in Manual Training. Matter. measu ment. Metric system. Density. Speci gravity. Force and Work. Mechanical vices, levers, etc. etc.

2. Geography in Manual Training; trees, char teristics of various parts. Forestry and Manual Training Lesson, Climate, rainf rivers, coast line of Europe, forest area Asia, Europe and America particularly rests of India and Burma. Lessons principal trees and important timbers.

(c) *Practical work.*

A Stool, Teapoy. A Drawing board (Tongue and groove joints). A tea square. A book rest. A Common box with lid. A box for sporks, spoons and knives (Drawer dove-tail join a photo stand. A stationary cabinet, etc.)

Free-hand sketches of the new tools introduced at each stage and models attempted, with dimensioned scale, drawings showings or-thographic projections. Latterly occasional oblique drawings should also be attempted.

Books for Reference.

1. The Principles of Educational wood work by Beinns & Masdon.
2. The Principles of Educational wood work by W. A. Milton (Blackie).
3. Manual Instruction wood work by Pearson.
4. Sloyed—Three Upper Grammar grades by G. Laressan (Bostan Manual Training School).

(3) *Physical Training.*

1. Exercises of the Body:—

Marching and running exercises, short distance and long distance running practice. Relay races and Cross Country races. Racing and running exercises with increased standards.

Posture Exercises:—

Body exercises with thorough working out of the whole body. Corrective exercises. Light body bending. Body turning. Leaning rest exercises. In step exercises. Balancing and breathing exercises.

2. Performance activities:—

> Jumps of all kinds, Short Putting, Pole vault, Hurdle races, etc.

3. Exercises for strength, courage and skill an apparatus. Horizontal bar. Rotation and knee grind from swinging to hanging position. Sitting rotation. Putting knees up to bar and turning around. Vaults. Struddling from stand and hanging position. Parallel Bar:—Vaults. Rolling from straddle to straddle, shoulder stand from sitting position Lying position, arm bending and stretching. Hand-stand.

4. Floor Exercises:—Tumbling and wrestling. Boxing.

5. Games:—Team games such as Hand-football, Free dodge ball and indigenous games such as "Bulchic" and "Loanpat". Gill Danda", Track ball, Hand ball, Foot-ball and Hockey.

———

B—INTERMEDIATE EXAMINATION.

INTERMEDIATE EXAMINATION

1353 and 1354 F. (1944 and 1945).

RULES AND SUBJECTS FOR EXAMINATION

1.   The Intermediate Examination shall be held once a year in Hyderabad at such time and on such dates as the Syndicate may prescribe.

2.   The Examination shall be open to:—

(i)   All Matriculated students of the Osmania University who have since Matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

(ii)   All those students who have matriculated at any of the Indian Universities or obtained the High School Leaving Certificate or passed any other such examination as the University may from time to time consider equivalent, and who have been admitted as undergraduates of University, and have since matriculation prosecuted for not less than two academic years a prescribed course of study at a college of the Osmania University.

N.B.—(a) Students who have obtained a High School Leaving Certificate of His Exalted Highness' Government can be admitted to a College of the Osmania University only at the discretion of the Principal.

(b) Students who have obtained the certificates issued by the High School Leaving Certificate Board in the various Provinces of British India, will be admitted to the Osmania University in case they are eligible for admission to a University of the Province to which they belong and can satisfy the Principal as to their knowledge of Urdu.

(iii)   Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a college of the Osmania University and who have been permitted under Regulation (3) below, to reckon a previous year of study at a college of any University recognized for the purpose by the University.

3. Any student may be admitted into the second year class of a college of the Osmania University provided he produces a certificate from the Principal of the college he was last attending, (affiliated to any of the Universities recognised by the University), stating that the first year at college has been duly kept by him according to regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the second year class of that college.

4. No candidate from a college of the University will be permitted to present himself at the Intermediate Examination in any Science subject, for which a practical course is necessary under these rules, unless he shall produce a certificate from the Principal of such college to the effect that he has completed the required course in the college laboratories. In the case of candidates in Science subjects under Regulation 5 of these rules, evidence must be produced that the candidate has completed the required course at a laboratory approved of by the University.

5. Persons coming under the following descriptions though not belonging to a college of the University will be allowed to appear privately for this examination.—

(a) Inspecting Officers of the State Educational Department and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspector of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(b) Laboratory assistants serving in a college of the University provided that they produce from the Principal of the college in which they are employed, the certificate of laboratory work required from all Science candidates under regulation (4) and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(c) Women Candidates.

Provided also that in all the above cases by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Matriculation Examination, or its equivalent.

Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should therefore ascertain from the Registrar, before applying for permission, whether regular students of the University are taking up those subjects.

6. Candidates from the college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as *private candidates* to a subsequent examinaton, provided they do not change the subjects they had studied at college. In case they change any of their subjects they shall be required to put in fresh attendance in the college in the subjects they have changed.

7. The Examination fee for Arts and Science candidates will be Rs. 24 & 26 respectively. Applications of private candidates for admission to the examination, in the form prescribed, must reach the Registrar not less than two months before the examination, accompanied by the necessary fee.

8. In the case of college candidates, applications for admission and certificates of attendance in the prescribed form together with the necessary fee for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination:

In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

9. No student will be allowed to appear at the examiation unless he has put in 70 per cent. attendance in each of the subjects of his course for the examination. If there is a practical Examination in a subject, he shall have to make up the same percentage of attendance separately in the practical course of lectures. The Syndicate may, however, condone the deficiency in attendance not exceeding 5 per cent. on special reasons, especially, ill-health when the application is supported by a certificate by an authorised medical officer which can satisfy the head of the institution.

A member of the U.T.C. shall be permitted to count as attendance the periods spent on duty in connection with the University Training Crops Camps.

Students attending Inter-University Tournaments or Debates will be entitled to the same privilege.

10. Upon the reciept of the application and the fee prescribed and also the attendance and progress certificates in case

of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received, which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall, if called for.

A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

11. The Intermediate examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions:—

(1)	European languages	Ordinarily in English.
(2)	Sanskrit, Prakrit or Pali	In the language itself, or in Urdu or in English.
(3)	Modern Indian Vernaculars	In the language itself, or in Urdu.

In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set and candidates will be expected to answer in that language unless by a previous arrangement with the Registrar they have been permitted to answer in any of the alternative languages above specified.

12. (*a*) The subjects for examination shall be as follows:—

I. English.—

II. Any one of the following Groups:—

(1) Any two of the languages:—

Arabic, Persian, Sanskrit, Urdu, Marathi, Telugu, Kanarese

and one of the following:—

English History, Indian History, Islamic History, Economics, Sociology.

(2) English History, and European History (Ancient, Medieval or Modern) or Islamic History or Indian History and one of the following:—

Arabic, Persian, Urdu, Sanskrit, Marathi, Telugu, Kanarese, Economics, Sociology.

(3) Logic, Psychology and a Language or Economics or Sociology.

*(4) (a) Domestic Science.

     (b) One language or Psychology.

     (c) One History or Economics.

(5) Physics, Chemistry and Biology.

(6) Physics, Chemistry and Geology.

(7) Physics, Chemistry and Mathematics.

(8) Physics, Geology and Mathematics.

(9) Chemistry, Biology and Geology.

*(10) Physics, Chemistry and Domestic Science.

*(11) Chemistry, Biology and Domestic Science.

*Only Girls will offer these combinations.

Note :—

(1) Candidates taking group 1 will be allowed to take School of Languages at their B.A. Examination.

(2) Candidates taking group 3 will be allowed to take School of Philosophy at their B. A. Examination.

(3) Only those Candidates will be allowed to take History for their B. A. Examination who have offered group 2 for their Intermediate Examination.

(4) Only those Candidates will be allowed to take up History of Indian Culture at their B.A. Examination who have offered Indian History under group 2 for their Intermediate Examination.

(5) Only those candidates will be allowed to take up School of Economics for their B.A. Examination who have offered Economics for their Intermediate Examination.

III. Theology or Morals (for Non-Hanafis and Non-Muslims)

12. (b) The Arrangement of papers and marks in different subjects shall be as follows :—

I. English :

There will be three papers each of three hours' duration, one in Detailed Prose texts (100 marks), the second in Poetry (65 marks) and Non Detailed Prose texts (35 marks) and a third paper (100 marks) on Composition, Unseens and Translation.

II. Optional Subjects :

(1) Arabic, Sanskrit, Latin or Greek.

Two papers each of three hours' duration will be set in each of these languages. The first paper

(100 marks) will be on the prescribed text-books. The second paper (100 marks) in all the languages except Arabic will be on Grammar and will consist of pieces of Urdu prose for translation into the language selected.

The division of marks in Arabic second paper will be as follows and questions on non-detailed texts will be set in this paper :—

Grammar	40	Marks
Translation from Arabic into Urdu	30	,,
Translation from Urdu into Arabic	30	,,
Total..	100	,,

(2) Urdu, Persian, Marathi, Telugu, Kanada, French or German.

Two papers each of three hours' duration will be set in each of these languages except Urdu. The first paper (100 marks) will be on the prescribed text-books.

The second paper (100 marks) on Grammar, Composition and Translation will consist of an essay and questions on composition and pieces of Urdu prose for translation into the language selected.

In Urdu the distribution of papers will be as follows :—

Paper I.—Prose	50	Marks
Poetry	40	,,
Non-Detailed	10	,,
Paper II.—Grammar, Prosody, etc.	25	,,
Composition	50	,,
Translation from Urdu into Hindi	15	,,
Translation from Hindi into Urdu	10	,,

(3) *Islamic History,* From the birth of the Prophet up to the end of the Moorish Empire in Spain and the decline of the Fatemide Caliphate.

Two papers each of three hours' duration carrying 100 marks each will be set which will include questions on historical geography :—

Paper I.—The Prophet, first four Caliphs and Omeyades

Paper II.—Abbasides, Muslim rule in Spain and the Fatemide Caliphate.

(4) *Indian History* (with special reference to the History of the Deccan).

Two papers each of three hours' duration carrying 100 marks each will be set, which will include questions on historical geography:—

Paper I.—Up to the year 1526 A.D.

Paper II.—From 1526 to the present day.

(5) *English History,* Political and Constitutional, 1066 to the present day.

Two papers each of three hours' duration carrying 100 marks each will be set which will include questions on historical geography:—

Paper I.—1066 to 1485 (general knowledge of the development of the constitution up to 1066).

Paper II.—1485 to the present day.

(6) *Ancient Europe* (Greek History up to the Roman Conquest and Roman History up to 476 A.D.)

Two papers each of three hours' duration carrying 100 marks each will be set, which will include questions on historical geography:—

Paper I.—Greek History, up to 146 B.C.

Paper II.—Roman History, upto 476 A.D.

(7) *Medieval Europe,* 476-1453.

Two papers of three hours' duration and carrying 100 marks each will be set, which will include questions on historical geography:—

Paper I.—476 to 1096.

Paper II.—1096 to 1453.

(8) *Modern Europe* (1453 onwards).

Two papers of three hours' duration and carrying 100 marks each will be set, which will include questions on historical geography:—

Paper I.—1453 to 1789.

Paper II.—1789 to the present day.

(9) *Economics.*

There shall be two papers in Economics, each of three hours' duration and carrying 100 marks :—

Paper I.—General Economics.

Paper II.—Indian Economics.

(10) *Sociology.*

There shall be two papers in Sociology each of three hours' duration and carrying 100 marks :—

Paper I.—Theoretical Sociology.

Paper II.—Practical Sociology.

(11) *Logic.*—Deductive and Inductive.

There will be two papers in Logic each of three hours' duration and carrying 100 marks :—

Paper I.—Deductive Logic.

Paper II.—Inductive Logic.

(12) *Psychology.*

There will be two papers in Psychology, each of three hours' duration and carrying 100 marks :—

Paper I.—Problems and Methods of Psychology, Psychological Organism and Nervous System, Sensation, Perception, Discrimination and Association, Attention, aand Habit.

Paper II.—Rest of the subject.

(13) *Domestic Science* :—

There will be two papers in Domestic Science, each of three hours' duration :—

Paper I.—Bio-Chemistry and Dietetics. 75 Marks

Paper II.—Household Thechnology, Laundry, applied chemistry and cookery. 75 Marks

There will also be a Practical examination of three hours' duration for which 50. marks will be assigned.

(14) *Physics* :—

> There will be two papers in Physics each of three hours' duration.

> Paper I.—General Properties of Matter, Heat and Sound.   75 Marks

> Paper II.—Light, Electricity and Magnetism.   75   ''
> There will also be a Practical examination of three hours' duration for which 50 marks will be assigned.

(15) *Chemistry* :—

> There will be two papers in Chemistry each of three hours' duration.

> Paper I.—General Chemistry and Organic Chemistry.   75 Marks

> Paper II.—Metals and Non-Metals.

> There will also be a Practical examination of four hours' duration for which 50 marks will be assigned.

(16) *Biology* :—

> > *Botany* :—

> Paper I.—Theoretical, of $2\frac{1}{2}$ hours' duration carrying 60 marks.

> Paper II.—Practical, of 2 hours' duration carrying 40 marks.

> > *Zoology* :—

> Paper I—Theoretical, of $2\frac{1}{2}$ hours' duration carrying 60 marks.

> Paper II.—Practical, of 2 hours' duration carrying 40 marks.

In order to secure a pass the candidate shall have to obtain 33 per cent. of the full marks in the subject and a minimum of 20 per cent. in each of the branches, *viz.*, Botany and Zoology.

(17) *Mathematics* :—

> There will be 3 papers in Mathematics each of three hours' duration and will be divided into two sections,

a certain minimum number of questions being compulsory from each section. Choice of questions to the extent of 40 per cent, may be allowed:—

Paper I.—Algebra	40 Marks	80 Marks
Trigonometry	40 ,,	
Paper II.—Geometry—Plane and Solid	40 ,,	60 ,,
Geometrical Conics	20 ,,	
Paper III.—Analytical Geometry	30 ,,	60 ,,
Calculus	30 ,,	
	Total.. 200 ,,	

(18) *Geology* :—

There will be two papers in Geology, each of three hours' duration:—

Paper I.—Physical Geology & Petrology   75 Marks

Paper II.—1. Palaeontology—Elements of Indian Geology.

2. Stratigraphy and Geology of Hyderabad   75 ,,

There will also be a Practical Examination of three hours' duration for which the following marks will be assigned:—

(*a*). Identification of Minerals and Ores by Physical Properties and Chemical tests. 20 Marks

(*b*). Identification of rocks inhand specimen and Plutonic rocks under Microscopes. 20. ,,

(*c*). Identification of the system and form of crystal models and their drawing.   10 ,,

III.—*Theology or Morals* :—

There will be one paper of three hours' duration carrying 100 marks in each of these subjects.

Examinations in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subjects shall not be included in the grand total of the marks; but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at the examination.

13. No candidate shall be declared to have passed the examination unless he obtains 33 per cent. of the full marks in each

subject. Should a candidate however, not obtain 33 per cent. of the full marks in *one subject only,* he shall be declared to have passed the examination, provided he secures not less than 30 per cent. in that subject and makes an aggregate of 40 per cent.

14. Those of the successful candidates who obtain 60 per cent. or more of aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class and the rest in the Third Class.

The names of the successful candidates placed in the First Class shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others in the Second and Third classes shall be arranged in the serial order of their roll numbers.

15. A certificate signed by the Registrar shall be given to each successful candidate setting forth the date of the examination, the subject in which he was examined, and the class in which he was placed.

16. For the purpose of the Compartment System, the examination shall be divided into the following two groups:—

(1) English.

(2) Optional subjects.

A candidate passing in any one of these groups shall be exempted from appearing in that group at a subsequent examination, provided that he has secured not less than 35 per cent. of the marks in the aggregate and that in the group in which he fails he makes an aggregate of not less than 25 per cent. But the candidate who so fails to pass only in one group shall be allowed, if he so desires to appear for the whole of a subsequent examination.

The results of the candidates taking the option of appearing in the whole examination in a subsequent year, will be adjusted solely on the merits of the subsequent Examination.

Candidates who appear in subsequent Examination in the group in which they failed in the previous examination, will be required to secure 33 per cent. of the marks in each subject of the group.

No candidate shall be classed unless he has passed in the whole examination at one attempt.

TEXT-BOOKS.

ENGLISH.

I. *Poetry*:

A book of Narrative Verse compiled by V. H. Collins. (World's Classics—Oxford University Press).

The following selections to be studied:

1. Wordsworth	: Michael.
2. Scott	: Flodden.
3. Byron	: The Prisoner of Chillon.
4. Macaulay	: Horatius.
5. Tennyson ·	: Morte D'Arthur.
6. Arnold	: Sohrab and Rustum.
7. Rossetti	: The White Ship.
8. Binyon	: The Battle of Stamford Bridge.
9. Noyes	: The Highwayman.

II. *Prose*:

(*a*). Detailed Texts:

1. Eight Essayists edited by A. S. Cairncross. (The Scholar's Library—Macmillan).

The following essays to be studied:

1. Steele	: The Spectator Club.
2. Addison	: Sir Roger at Home.
3. ,,	: Sir Roger at Church.
4. ,,	:: Sir Roger at the Assizes.
5. ,,	: Sir Roger in London.
6. Goldsmith	: The Story of the Man in Black.
7. ,,	: A. Reverie.
8. Lamb.	: Modern Gallantry.
9. ,,	: My First Play.
10. ,,	: The Superannuated Man.
11. Stevenson	: An Apology for Idlers.
12. Chesterton	: On the Cryptic and the Elliptic.
13. ,,	: The Worship of the Wealthy.

2. Macaulay: History of England: Chapter III (England in 1685 edited by C. Notewtt: Blackie & Son).

(*b*) Non-detailed text:

Stories of Great Names by Charles Williams. (Oxford University Press).

عربی

(۱) نثر

(الف) سورۂ کهف (مکمل)

(ب) کلیله و دمنه۔ باب غرض الکتاب۔ باب الحمامة المطوقة۔
باب البوم و الغربان ۔

(ج) * مختارات الادب (جمع و ترتیب زیدان بدران المصری)

(۱) قسم النثر از صفحه (۸) و صایا و حکم تا ختم صفحه (۳۰)
الکرامة للمنفلوطی

(۲) قسم الامثال از صفحه (۱۰۸) تا ختم صفحه (۱۲۶)
نوٹ ۔ قسم الامثال میں سے صرف نصف امثال
ابتدا سے (۱۲۲) شریک نصاب ہیں ۔

(۲) نظم

(الف) دیوان الحماسه میں سے ابواب ذیل :۔
باب الادب ابتدا سے سو شعر
باب الاضیاف ۔ ابتداء سے پچاس شعر

(ب) مختارات الادب ،، وہ قسم الشعر ،، از صفحه (۷۰) فی طلب
العلم للامام الشافعی تا ختم صفحه (۱۰۶) وہ تمجید الخالق
للاصمعی ،،

(۳) مطالعه سرسری

* روبنسن کروزو (سلسله قصص الاطفال تالیف کامل گیلانی)
مکمل

نوٹ ۔ مطالعه سرسری کا امتحان ترجمه قواعد صرف و نحو
کے ساتھ ہوگا ۔

(۴)   <u>صرف و نحو</u>

*   کتاب النحو الواضع فی قواعد اللغة العربیة للدارس الثانویة الجزء الاول و الثانی و الثالث ۔ تالیف علی الجارم و مصطفی امین مطبعة المعارف مصر

(ھدایت) اساتذه قواعد کی بحثوں کو اردو میں سمجھائینگے اور تمرینات کی مشق کرائینگے ۔

(۵)   بلاغت (معانی ۔ بیان ۔ بدیع)

*   البلاغة الواضحة ۔ (لعلی الجارم و مصطفی امین) مطبعة المعارف مصر

نوٹ ۔ اساتذه کو چاہئیکه البلاغة الواضحة میں سے صرف قواعد کی تعلیم دیں اور انکو طلبه کے ذهن نشین کرائیں ۔

(۶)   عروض و قافیه

کسی مستند کتاب مثلاً محیط الدائره تالیف ادوارد فان دیك سے مضامین عروض و قافیه منتخب کئے جائیں اور ان کی طلبه کو تعلیم دی جائے ۔

*   یه کتابیں مندرجه ذیل پته سے دستیاب ہوسکتی ہیں ۔

(1)   The Arabic Library & Co.,
Orient Hotel Building,
opp. C. Market, Bombay (3).

(2)   Abdus Samad & Sons.,
Sayid Wada,
Surat.

فارسی

(الف) نظم قدیم ۔

" عرّ فارسی" مرتبہ ڈاکٹر محمد نظام الدین (مطبوعہ اعظم
اسٹیم پریس حیدرآباد دکن) مندرجہ ذیل انتخابات :۔

قصائد ۔ سعدی ۔

(۳) بامدادان کہ تفاوت نکند لیل و نہار

(۵) این منتی بر اہل زمیں بود ز آسمان

(۷) اے نفس اگر بدیدہ تحقیق بنگری

عرفی :۔

(۸) اقبال کرم می گزد ارباب ہمم را

(۲) ہر سوختہ جانی کہ بہ کشمیر درآید

قاآنی :۔

(۲۰) فرو بگرفتہ گیتی را بباغ و راغ و کوہ و در

(۲۲) بنفشہ رستہ از زمیں بطرف جویبارہا

غزلیات ۔ سعدی :۔

(۷) این توئی یا سروبستانی برفتار آمدہ

(۸) افسوس بر آن دیدہ کہ روی تو ندیدہ است

(۱۰) چوں ملک گدایاں بجہاں مملکتی نیست

(۱۲) خوش میروی نہ تنہا تنہا فدای جانت

(۱۵) درخت غنچہ برآورد و بلبلان مستند

(۱۸) ای ساربان آہستہ ران کارام جانم می رود

(۱۹) گر گویمت کہ سروی سرو این چنین نباشد

(۲۰) اگر دستم دھد روزی کہ انصاف از تو بستانم

(۲۱) آن دوست کہ من دارم و آن یار کہ من دانم

(۲۲) بخدا کہ گر بمیرم کہ دل از تو بر نگیرم

(٢٣) سالها درپی مقصود بجهان گردیدم

(٢٦) آستین برروی و نقشی درمیان افکنده

(٢٤) سروی چو تومی باید تا باغ بیارآید

(٢٨) شیربن دهان آن بت عیاربنگرید

(٣٠) من از دست کمان داران ابرو

حافظ :ـ

(٣) اگر آن ترک شیرازی بدست آرد دل مارا

(٣٣) صوفی بیا که آئینه صاف است جام را

(٣٤) صبا بلطف بگوآن غزال رعنا را

(٣٥) باغ مراچه حاجت سروو صنوبر است

(٣٦) بلبلی برگ گل خوش رنگ در منقار داشت

(٣٤) بکوی میکده هر سالکی که ره دانست

(٣٨) بنال بلبل اگر بامنت سر یاری است

(٤٧) زاهد ظاهر پرست از حال ما آگاه نیست

(٤٨) شگفته شد گل حمرا وگشت بلبل مست

(٥٠) عیب رندان مکن ای زاهد پاکیزه سرشت

(٥٣) آنان که خاک را بنظر کیمیا کنند

(٦٠) دمی باغم بسر بردن جهان یکسرنمی ارزد

(٦٢) رسید مژده که آمد بهاروسبزه دمید

(٤٢) تاب بنفشه می دهد طره مشکسای تو

(٤٩) صبا تو نکهت آن زلف مشکبودداری

(ب) نثر قدیم :ـ

(١) گلستان ـ دیباچه ـ باب هفتم و هشتم

(٢) انوار سهیلی ـ باب دوم

(ج) نثر و نظمِ جدید

" عصرِ پہلوی " مرتبہ ڈاکٹر محمد نظام الدین

مطبوعہ اعظم اسٹیم پریس حیدرآباد۔دکن

حصہ نثر۔ بخش اول۔ قسمت اول۔ حسبِ ذیل مقالے صفحہ ۱ تا ۱۰۴۔

(۲) اسباب نہضتِ ملی آخیر ایران۔ ادیر طہماسپ
(۳) وفاتِ استاد ادوار دبراؤن انگلیسی۔میرزا محمدخان قزوینی
(۴) ثروتِ ملی ۔ سید محمد علی جمال زادہ
(۵) افتتاحِ آرامگاہ فردوسی طوسی

حصہ نظم۔ بخش دوم۔ قسمت اول

(۱) ادیب پیشاوری۔ خطاب ایران بفرزندانش
(۲) ادیبۃ الزمان، شاہیں۔ اندرز بدختر خویش
(۹) ایرج میرزا جلال الممالک۔ بی دا غ نیست لالۂ باغ بشرہمی
(   ) حسین دانش۔ چکامۂ جشن نوروز و جشن پہلوی
(۲۰) نادری مشہدی۔ مسمط بہاریہ
(۲۶) عارف قزوینی ۔ کابینۂ سیاہ
(۲۹) فرہنگک، ترجمان الممالک ۔ خالہ ایران
(۳۶) مسرور ۔ ماہ
(۴۰) ہادی حایری ۔ خزانیہ
(۴۷) نوبخت ۔ شاہنامۂ پہلوی

(د) بلاغت

" بہار بلاغت"، مولفہ قلندر علی از صفحہ   تا ۲۹

(ہ) ابتدائی عربی

مجانی الادب ۔ الجزء الاول ۔ الباب الاول تا باب الخامس از
صفحہ ۷ تا ختم صفحہ ۳۰ طبع بیروت باستثنائے
نظم از صفحہ ۲۶ تا ۳۰ جس کا عنوان ہے
"ہذا ابیات تتمثل بہالعرب"،

اردو

نثر:۔

الف براے مطالعہ تفصیلی :۔

(۱)   نذیر احمد ۔ بات النعش

(۲)   سلیم ۔ افادات سلیم

(۳)   مسعود حسن رضوی ۔ ہماری شاعری

ب ۔ سرسری مطالعہ :۔

خیالستان مصنفہ سید سجاد حیدر یلدرم

نظم ۔

(۱)   حالی ۔ مجموعہ نظم و مسدس

(۲)   میر تقی ۔ مثنوی شعلہ عشق ۔ دریائے عشق ۔ اعجاز عشق ۔
جوش عشق

(۳)   غالب ۔ دیوان غالب ۔ حسب ذیل غزلیات :۔

(۱)   درد منت کش دوا نہ ہوا

(۲)   پھر مجھے دیدۂ تر یاد آیا

(۳)   ہوئی تاخیر تو کچھہ باعث تاخیر بھی تھا ۔

(۴) جور سے باز آئے پر باز آئیں کیا

(۵) دوست غمخواری میں میری سعی فرما ئینگے کیا

(۶) گھر جب بنا لیا ترے در پر کہے بغیر

(۷) لازم تھا کہ دیکھو مرا رستہ کوئی دن اور

(۸) آہ کو چاہئے ایک عمر اثر ہونے تک

(۹) وہ فراق اور وہ وصال کہاں

(۱۰) مزے جہان کے اپنی نظر میں خاک نہیں

(۱۱) کی وفا ہم سے تو غیر اسکو جفا کہتے ہیں

(۱۲) یہ ہم جو ہجر میں دیوار و در کو دیکھتے ہیں

(۱۳) سب کہاں کچھ لالہ و گل میں نمایاں ہوگئیں

(۱۴) دل ہی تو ہے نہ سنگ و خشت درد سے بھر نہ آئے کیوں

(۱۵) رہئے اب ایسی جگہ چلکر جہاں کوئی نہو

(۱۶) مسجد کے زیر سایہ خرابات چاہئے

(۱۷) عشق مجھکو نہیں وحشت ہی سہی

(۱۸) کوئی دن گر زندگانی اور ہے

(۱۹) کوئی امید بر نہیں آتی

(۲۰) دل نادان تجھے ہوا کیا ہے

(۲۱) پھر کچھ اک دل کو بیقراری ہے

(۲۲) پھر اس انداز سے بہار آئی

(۲۳) بازیچۂ اطفال ہے دنیا مرے آگے

(۲۴) ابن مریم ہوا کرے کوئی

(۲۵) کبھی نیکی بھی اسکے جی میں گر آجائے ہے مجھ سے

(۲۶) مدت ہوئی ہے یار کو مہمان کئے ہوئے

(۲۷) نوید امن ہے بیداد دوست جان کے لئے

(۲۸) ہاں دل درد مند زمزمہ ساز

(۲۹)   خوش ہوائے بخت کہ ہے آج ترے سر سہرا

(۳۰)   منظور ہے گزارش احوال واقعی

م اقبال ۔ بانگِ درا کی حسب ذیل نظمیں :ـ

ہمالہ ۔ عہد طفلی ۔ ایک مکڑا اور مکھی ۔ ایک پہاڑ اور
گلہری ۔ ایک گائے اور بکری ۔ بچے کی دعا ۔ ہمدردی ۔
ماں کا خواب ۔ پرندے کی فریاد ۔ آفتاب (ترجمہ گاتیری)۔
ایک آرزو ۔ انسان اور بزمِ قدرت۔ عشق اور موت ۔ زہد
اور رندی ۔ شاعر ۔ طفلِ شیر خوار ۔ چاند ۔ ترانہ ہندی ۔
ہندوستانی بچوں کا قومی گیت ۔ نیا شوالہ ۔ داغ ۔ ایک
پرندہ اور جگنو ۔ کنار راوی ۔ غزل (انوکھی وضع ہے
سارے زمانے سے نرالے ہیں) ۔ غزل (مجنوں نے شہر
چھوڑا تو صحرا بھی چھوڑ دے) ۔ حقیقتِ حسن ۔ سوامی
رام تیرتھ ۔ طلبہ علی گڑھ کالج کے نام ۔ اختر صبح ۔
.... کی گود میں بلی کو دیکھکر ۔ چاند اور تارے ۔
عاشق ہر جائی نمبر ۱ و ۲ ۔ انسان ۔ ایک شام ۔ تنہائی ۔ غزل
(زندگی انسان کی اک دم کے سوا کچھ بھی نہیں) ۔ غزل
(مثال پر تو میں طوف جام کرتے ہیں) ۔ ستارہ ۔ دو
ستارے ۔ پھول کا تحفہ عطا ہونے پر ۔ رات اور شاعر ۔
تصیحت ۔ رام ۔ موٹر ۔ ایک مکالمہ ۔ والدہ مرحومہ کی یاد
میں ۔ نانک ۔ پیو ستہ رہ شجر سے امید بہار رکھ ۔ شب
معراج ۔ سرمایہ و محنت ۔ ظریفانہ پورا حصہ ۔

قواعد :ـ

قواعدِ اردو مولفہ عبدالحق

عروض و بلاغت :۔

عروض و بلاغت مولفہ کلیم اللہ حسینی

بھاشا :۔

(۱)   ہندی پرائمر (انڈین پریس الہ آباد)

(۲)   ہندی ریڈرنمبر (۱) (انڈین پریس الہ آباد)

نثر :۔

(۳)   ہندی شکساولی حصہ چہارم حصہ نثر کے مندرجہ ذیل
        آٹھ اسباق ہے .

                (   )   اتتھی ستکار

                (۲)   سنگہ کا شکار

                (۳)   سمندر سے موتی نکالنے کی ریتی

                (۴)   گنگا جی کی نہر

                (۵)   چانکیہ نیتی سار

                (۶)   بیربل کی سچی سیوکائی

                (۷)   سداما چرتر

                (۸)   مہاراج پریکشت کا برتانت

نظم :۔

کتاب مندرجہ بالا کے صفحات ۸۱ تا ۹۹

SANSKRIT.

Paper I:

 (*a*). Bhagavadigita, Chapter II.

 (*b*). Kumarasambhava of Kalidasa, Canto V.

 (*c*). Ratnavali of Harsha.

Paper II:

 Macdonell's Sanskrit Grammar for students.

 (Chapters on Sandhi, Declensions, Conjugation and Compounds only).

MARATHI.

Prose: Chiplunkar—Vangmaya Vishayak Nibandha.

Drama: Kelkar N. C. Amatya Madhava.

Novel: Yeswant Rao, Khare by Apte.

Poetry:—(1) Hari-vilas by Vaman Pandit.

   (2) Abhagi Kamal by Girish.

   (3) Vrittas occurring in the texts.

Grammar:—(1) Vibhakti, Vibhaktyartha, Akhyatartha, Samasa & Prayoga. Book recommended; Sastreeya Marathi Vyakarna by Damale.

KANNADA.

Prose:—(1) Adbhuta Ramayana 1st seven Aswassas.

   (2) Samudrada acheyinda by V. K. Gokak.

Poetry:—(1) Jaimni Bharata by Lakshmisa Sandhis 1, 2, 3 and 4.

   (2) Anubhavamrita: Adhyas 1 and 2.

Drama:—Sakuntala Nataka by Basavappa Sastry.

Grammar:—Kannada Kaipidi published by Mysore University.

Note:—These books can be had from Satyasodhana Book Depot, Banglore City or Kannada Prakatanalya Hyderabad.

TELUGU.

Poetry :—Madras University Selections in Telugu Intermediate Examination.

Selections (1) Classical 21, 22, 49 and 50.

(2) Modern—Firdousi by Jashuva Kavi.

Drama :—

Svapna Wasavadatia by Chilakamurti S. Harasinha, Rajahamundry.

Prose :—

(1) Chandra Gupta, by Bhogaraja Narayana Moorti (Vavilla R. Sastri & Son., Madras).

(2) Hindu Jivana Padham by M. Hanumanta Rao Prak-pratichi, Grandha Mala, Rajahmundry Kathasarith Sagaram, Part I, by Vedam Venkata Raya Sastri.

ENGLISH HISTORY.

(1) Ransome's Advanced History of England (Osmania University Series).

(2) Montague's Constitutional History of England, (Osmania University Series).

EUROPEAN HISTORY.

(1) Bury's History of Greece, (Osmania University Series).

(2) Pelham's Outlines of Roman History, (Osmania University Series).

EUROPEAN HISTORY (MEDIEVAL AND MODERN.)

Thatcher and Schwill's History of Europe. (Osmania University Series).

ISLAMIC HISTORY.

Amir Ali's History of the Saracens.

INDIAN HISTORY AND ADMINISTRATION.

(1) Sayyid Hashimi's Intermediate History of India 4 vols. (Osmania University Series).

(2) Anderson's British Administration of India (Osmania University Series).

ECONOMICS.

(1) Economics by Prof: Habibur Rahman.

(2) Banarjee's Indian Economics (new edition).

For detailed Syllabus vide Appendix. (*a*).

SOCIOLOGY.

No book is prescribed for the present; for detailed Syllabus vide Appendix. (*b—i,ii*).

LOGIC.

(1) Deductive and Inductive Logic. (Osmania University Series).

(2) Creighton's Logic.

For detailed Syllabus vide Appendix. (*c*).

PSYCHOLOGY.

Psychology by J. R. Angell. For detailed Syllabus vide Appendix. (*d*).

DOMESTIC SCIENCE.

No book is prescribed. For detailed Syllabus vide Appendix. (*e*).

PHYSICS.

(1) Gregory and Hadley's Class Book of Physics, Parts 1-6, (Osmania University Series).

(2) Allen and Moor's Practical Physics 3 volumes, (Osmania University Series).

For detailed Syllabus vide Appendix. (*f*).

The following books are recommended for study :—

   (1) Houston's Intermediate Physics.

كتاب المقناطيس والبرق مولفه نصير احمد

كتاب النور   ,,   ,,   ,,

كتاب الخواص والحركت ,,   ,,

كتاب الحرارت والصوت ,,   ,,

طبعيات عملى براۓ انٹر ميڈيٹ مولفه مجد احمد عثمانى

CHEMISTRY.

The following books are recommended :—

   1. Inorganic Chemistry by Holmyard (Osmania University Series).

   2. A Class Book of Organic Chemistry by Cohen (Osmania University Series).

   3. A course of Practical Chemistry to be compiled by Dr. Muzaffar-ud-din Qureshi.

For detailed Syllabus vide Appendix (*g*).

BIOLOGY.

The following books are recommended :—

(A) Botany.

   1. Lowson and Sahni's Text-Book of Botany. (O.U.S.).

   2. Rangachariar's Practical Botany. (O.U.S.).

   3. Choudhurie   : Intermediate Botany.

   4. Charan   Singh
      Jiwan Singh and
      Barcharan Das. : New Intermediate Botany, Part II.

5. Sethi, Kohley &
   Sawhne   : New Intermediate Botany, Part I.
6. Sabhesan, M.S. : Intermediate Botany.

For detailed Syllabus vide Appendix (*h—i*).

(B) Zoology.

3. Parker & Bhatia   —An elementary Text-book of Zoology for Indian Students. (O. U. S.).

4. Borradaile   —A Manual of Elementary Zoology. (O. U. S.).

5. T. J. Moon.   —Biology for Beginners.

6. Bahl, K. N.   —Pheretima. The Ind. Zool. (Memoirs Ser. I.).

7. Marshall.   —The Frog. (Macmillan & Co., London). (O. U. S.).

8. Huxley   —Lessons in Elementary Physiology. (Macmillan).

9. H. E. Walter.   —Genetics. (Macmillan & Co., N. Y.).

10. L. Darwin. (Major) —What is Eugenics. (Watts & Co., London).

11. C. John   —A Text-book of Zoology (for Intermediate and Medical Students).

12. Vishwa Nath   —Zoology for Intermediate students.

For detailed Syllabus vide Appendix (*h—ii*).

MATHEMATICS.

Hall and Knight: Higher Algebra Part I (O.U.S.).

Loney's Trigonometry Part I (O.U.S.).

Plane Geometry for the Intermediate Classes (O.U.S.).

Hall and Stevens' School-Geometry Part VI (O.U.S.).

Geometrical Conics for the Intermediate Classes (O.U.S.).

Co-ordinate Geometry for the Intermediate Classes (O.U.S.).

Elements of the Calculus for the Intermediate Classes (O.U.S.).

For detailed Syllabus vide Appendix (*i*).

GEOLOGY.

The following books are recommended; detailed Syllabus is given in the appendix. (*j*).

1. Geology for Beginners by Watts.

2. Elements of Mineralogy by Rutley.

3. Minerals and Microscope by H. G. Smith.

4. Geology of India by Wadia.

5. A brief outline of the Geological History of Hyderabad with reference to its Mineral Resources by K. Mirza.

THEOLOGY OR MORALS.

(A) Theology (for Hanafi students).

1. Rahmat-ul-lil-Alamin Part I (printed at Rose Bazar Press, Amritsar, (1916).

2. ترجمه پارهٔ عم

(پروفیسر کا فرض ہوگا کہ عقائد اور اعمال کے متعلق جو مسائل آئین انکی تو ضیح کر دیں جن پر سوالات ہوسکیں گے ۔)

(B) Morals (for Non-Hanafis and Non-Muslims)

For detailed Syllabus vide Appendix. (*k*).

شعبہ دینیات

( ) انگریزی و عربی ۔

حسب نصاب امتحان انٹرمیڈیٹ شعبہ فنون ۔

( ) فقہ و اصول فقہ :۔

دو پرچے تین تین گھنٹے کے ہونگے اور ہر ایك کے (۱۰۰)
نشانات ہونگے ۔

(الف) فقہ ۔ ملتقی الابحر کامل

فرائض ۔ سراجی ۔ بحذف مولی موالاة اور مولی العتاقہ

(ب) اصول فقہ ۔ اصول شاشی ۔

(۳) تفسیر و حدیث ۔

دو پرچے تین تین گھنٹے کے ہونگے ارد ہر ایك کے (۱۰۰)
نشانات ہونگے ۔ پرچہ حدیث کے نشانات کی تقسیم حسب
ذیل ہوگی :۔

حدیث ۔ ۵ء نشانات
سیرة مبارك ۔ ۲۵ نشانات

(الف) تفسیر ۔

قرآن شریف کی حسب ذیل سورتیں پڑھی جائیں :۔

( ) سورة بقر (۲) سورۂ نساء (۳) ازسورۂ قاف تا آخر

(ب) حدیث ۔ کتاب الدین

(۴) عقائد معہ مبادیات حکمت

ایك پرچہ (۱۰۰) نشانات، تین گھنٹے کا ہوگا ۔

(الف)* عقائد ـ اصول معالم الدین

(ب) منطق ـ مرقاۃ

* (مولوی عبدالحق صاحب کی تفسیر حقانی عقائد الاسلام
کے مطالعہ کی سفارش کی جاتی ہے) ۔

نوٹ ۔ گروپ واری اغراض کے لئے امتحان حسب ذیل تین
گروپوں میں تقسیم کیا جائیگا ۔ بقیہ قواعد مطابق شعبہ فنون ۔

(۱) انگریزی ۔

(۲) عربی ۔

(۳) مضامین دینیات ۔(تفسیر حدیث، و عقائد فقہ)

امتحان انٹرمیڈیٹ شعبہ دینیات میں حسب ذیل طلبہ شریک
ہوسکیں گے :۔

الف ۔ امتحان میٹریکیولیشن شعبہ دینیات جامعہ عثمانیہ کے
جملہ کامیاب طلبہ ۔

ب ۔ جملہ طلبہ جنہوں نے جامعہ عثمانیہ (شعبہ فنون) یا
ہندوستان کی کسی دوسری یونیورسٹی کا امتحان
میٹریکیولیشن یا سرکارعالی کے امتحان ہائی اسکول
لیونگ سرٹیفکٹ یا کسی دوسرے ایسے امتحان میں
زبان عربی کے ساتھ کامیابی حاصل کی ہو جس کو
جامعہ عثمانیہ نے اپنے امتحان میٹریکیولیشن کے مساوی
قرار دیا ہو اور جو بحیثیت انڈر گریجویٹ شعبہ دینیات
جامعہ میں داخل کرلئے گئے ہوں ۔ اور جنہوں نے بعد
کامیابی امتحان میٹریکیولیشن کم از کم دو تعلیمی سال
تک جامعہ عثمانیہ کے شعبہ دینیات میں نصاب مقررہ
کی تعلیم پائی ہو ۔

APPENDECIS.

DETAILED SYLLABUSES.

(a) ECONOMICS.

(1). Principles of Economics.

Introductory :—

The nature and significance of Economics. The relation of Economics to other Sciences. The meaning of Wealth and Utility. The conditions of Exchangeability. The main sub-divisions of the Science.

Consumption :—

Human wants and their characteristics.
Neccessities. Comforts and Luxuries. The Law of Diminishing Utility. Elasticity of Demand. The distribution of Income between different Wants. The conception of Consumers' Surplus.

Production :—

The meaning of Production. The factors of Production. The Meaning and characteristics of the different Factors. Land and its Fertility. Intensive and Extensive cultivation. The Law of Diminishing Returns. Factors affecting the Value of Land.

Labour and its Efficiency; conditions affecting the Efficiency of Labour. The various kinds of Labour. Skilled and unskilled, Productive and unproductive, Physical and Mental. Mobility of Labour; Factors affecting Mobility. The Theory of Population.

The Importance of Capital. Fixed and Circulating Capital. Conditions affecting the accumulation of Captial. Method of the investment of Capital.

Organization of Production : Division of Labour; its advantages and disadvantages. Large Scale Production; its advantages and limitations. The use of Machinery and its consequences for the labourers. The Localisation of Industry; its causes and advantages. The Law of Substitution. The Law of Increasing Returns.

Exchange :—

The necessity of Exchange. The meaning of Market. The difference between Value and Price. How is price determined. Demand price and Supply price. Market price and normal price. The Equilibrium of Demand & Supply and the Equlibrium price. Prime and Supplementary costs. Joint and Composite Demand : Joint and Composite supply. Competition Vs. Monopoly. Kinds of Monopoly. Monopoly price.

Distribution :—

The Importance of Distribution. Rent, Wages, Interest and Profits. The Nature of Rent and how it is determined. Wages and how they are fixed. Real and Nominal Wages. Causes of variations in Wages. Net Advantages. The Nature of Interest. The Rate of Interest. Gross Interest and Net Interest. Risk bearing and Management. Lending and Borrowing as affected by fluctuation of prices. The charges for Depreciation. The Nature of profits. Gross and Net Profits.

(2). Indian Economics.

Introductory :—What is meant by Indian Economics? The relation between Indian Economics and Economic Principles. Importance of the study of Indian Economics. The natural resources of the Country. Main Geographical Features and their Economic Importance. Important Social Institutions and their bearing on the economic life of the people.

Agriculture :—The importance of Agriculture in India. The present position of agriculture. Various problems connected with agriculture ; Rural indebtedness : its causes and extent, and the remedial measures adopted and proposed. The co-operative movement, its development and present position in India. Agriculture and Co-operation in Hyderabad.

Industries :—Indian Industries in the past and their present condition. Causes of the downfall of Indian Industries. The recent signs of industrial revival. The problems of fiscal policy. Free Trade, Protection

and Imperial Preference. The Labour Problems. Factory Legislation and Trade Unionism. The cottage Industries. Industries in Hyderabad.

Transport :—Roads, Railways and Shipping. A short history of Railway development and the present organisation of Railways. The condition of the Roads and the measure towards their improvement. Condition of water transport in India. The development and present organisation of railways in Hyderabad.

Trade :—Epansion of Trade in India : domestic and foreign. The present trade situation. Chief imports and exports.

Banking & Currency :—

The meaning and functions of Money. The characteristics of good money. The use of precious metals for monetary purposes, coinage, Standard and Token Money, Legal Tender and limited Legal Tenders. Paper Money. Convertable and inconvertable. Meaning of Credit. Bills of Exchange. Cheque. The meaning and functions of a Bank. The present Banking Systems of India.

The sources of Revenue and the main items of expenditure of the Government of India and the Hyderabad State.

(*b—i*) SOCIOLOGY.

Introductory :

Subject matter of the Science, its definition and interdependent relations with the Social Sciences. The meaning of Sociology. Its sub-divisions. The method of Sociology. The advantages of studying Sociology.

History :

A brief survey of the development of Sociology. Social Philosophy.

The Structure of Society:

Various conceptions and different kinds of Society. The meaning of Society.

The Basis of Society:

Family, Groups, Nationalities, Social Populations. Theory of Population. Over-population and Under population.

The Nature of Society:

Human Nature. The Individual and the Group Mind.

Social Processes:

Individual social processes (Influenced by factors like Climate, Resources, Environment, Occupation, etc.).

Socialization:

Imitation. Compulsion. Sympathy. Interest and Antagonism. Adaptation.

Individualization:

Differentiation. Opposition. Class struggle. Commercialization. Professionalization.

Social Conflict:

Conflict of interests. Exploitation.

Social Reconstruction:

Social Interactions. Crossfertilization of Culture.

(*b—ii*) APPLIED SOCIOLOGY.

Introductory:

General Sociology and Applied Sociology. The meaning and scope of Applied Sociology. Its relations to Science, Economics, and Ethics. Justification of Applied Sociology.

Wealth and Welfare:

The Meaning of Wealth and Welfare. Criterion of Welfare. Theories of Welfare (Bentham, Mill, Pigou).

Poverty and Pauperism:

Causes of Poverty. Its immediate remedies. Extent of Poverty. The Poverty Problem.

Vice and Crime:

Economical and Social Causes of Vice and Crime. Remedies of Vice and Crime.

Social Pathology:

Social decadence. Degeneration. Intemperance. The Abnormal.

Social Reform:

Paper I.

(c) LOGIC.

Definition, Scope and use of Logic. General relation of Logic to other Sciences. Its relation to Psychology. Immediate and Mediate knowledge. Reasoning in General, Matter and Form of Reasoning. Division of Logic into Formal and Material. Formal Logic: its aim and scope; its fundamental principles; Identity, Contradiction, Excluded Middle, Sufficient Reasons. Axioms and Postulates.

Word Concept and Term. Use of names. Denotation and Connotation of Terms. Division and Definition. Description. Universe of Discourse. Various Divisions of Terms and their significance.

Judgment and Proposition. Theory of Predication and import of propositions. Distribution of Terms. Quantity, Quality and Modality. Diagramatic Representation of propositions. Simplification of propositions.

Inference: Immediate and Medicate, Deductive and Inductive.

Opposition of propositions with their practical application. Immediate Deductive Inference and its different forms.

Mediate Deductive Inference: Syllogism, its struture and conditions. The canons. Figures and their Rules. Moods Reduction. Hypothetical and Disjunctive and Mixed syllogism. Dilemma, suppressed syllogisms and Trains of Syllogism, Unity of .syllogistic Inference. Practical Application of syllogism Funuctions and value of syllogism.

Fallacies in Deductive Reasoning.

Method perfect and imperfect, complete and incomplete, Scientific and Unscientific Induction. Enumerative Induction.

Analogy: nature of analogical reasoning and its use. Analogy and Induction.

Explanation and its limits. Scientific and Popular Explanation.

Probablity and its grounds. Chance and its elimination.

Definition and its limits and conditions. Classification: Natural and Artificial. Its conditions. Its relation to Definition and Division. Classification by Type, Errors in Definition. Division and Classification.

Fallacies in Inductive Reasoning. Relation of Deduction.to Induction. Amity of Inferential. Process Inductive and Deductive Sciences.

Books recommended.

(1) Logic (Deductive and Inductive by E. Read.

(2) An Introductory Logic by Creighton and Smart.

Paper II.

Material Logic. Knowledge, Reality and Truth. Different sources of Knowledge. Necessary Truth.

The postulates of Induction. uniformity of Nature and causaltion. Plurality of causes and intermixture of Effects. Composition of causes. Material grounds of Induction. Observation and Experiment and their use. The Experimental Methods; their use and application.

Discovery and Proof. Hypotheses. their use and conditions. Verification of Hypotheses. Theory and Fact. Deduction in Induction.

Science. Law of Nature. The World as unitary system. Generalization and the General Idea. Abstraction. Nature, place and use of the Inductive.

(d) PSYCHOLOGY.

PAPER. I.

1. *General.*—Definition, mind, consciousness, Behaviour.
   Methods.—Introspection, Observation, Experiment.

The Branches of Psychology.

2. *Mind and Body.*—Elementary discussion of the Central Nervous system, and the Mind - Body relation.

3. *Attention.*—Kinds of Attention. Conditions of Attention. Bodily Attitude in Attention.
   Attention and Consciousness. Range and scope of Attention.

4. *Analysis of Mental Phenomena.*—Cognition, Affection.

5. *Sensation.*—The sense Organs; Classification of sensations. General attributes of sensation; more detailed study of Visual and Auditary Sensations.

6. *Perception.*—Sensation and Perception.
   Apperception. Illusions. Hallucinetions.Perception of Space. Perception of Time.

7. *Movement and Action.*—Reflex movement; Instructive action. Habit. The chief human instincts, modification of instincts.

PAPER II.

1. *Affection and Feeling.*—Kinds of Feeling; Nature of Feeling; relation of Feeling to Cognition and Conation.

2 *Emotion.*—Nature of Emotion. relation to Institincts bodily expression; James—Lang theory of Emotions. Moods and Sentiments.

3. *Habit and Learning.*—The nature of Habit; formation and fixation of habits. The unlearning of habits. Learning; effect of repitition; methods of learning and study. The curve of learning.

4. *Images and Ideas.*—Percepts and Images; types of Imagery; the Laws of Association.

5. *Memory.*—Retention; recognition; recollection. Memory Types. The training of memory.

6. *Thought and Language.*—Images and Ideas, Judgment; Reasoning; belief. Relation of thought and language.

7. *Voluntary Action.*—Deliberation and choice. Attention and Volition.

8. *Personality.*—Its psychological basis and development.

9. *Abnormalities of Mental Life.*—Sleep; dreams; hypnosis; insanity.

Books recommended.

(1). Groundwork of Psychology by Stout and Thouless (University Tutorial Press).

(2). General Psychology. Part I by Hunter, (University of Chicago Press).

(3). Text Book of Psychology by William James.

<u>(e) DOMESTIC SCIENCE.</u>

1. A. *Biochemistry* :—

    (*a*). Chemical and Physical nature of proteins, fats and carbohydrates as are met with in food.

    (*b*). Metabolism of food.

    (*c*). Vitamins.

    (*d*). Chemical and Physical nature of animal tissues, (bones, muscles, blood, glands, etc.).

    (*e*). Chemical defence of the body against the action of poisonous substances.

B. *Dietetics*:—

 (*a*). Nutritive value of carbo-hydrates, proteins and fat of foods.

 (*b*). Vitamins and deficiency diseases.

 (*c*). Mineral salts in relation to food requirements.

 (*d*). Nutritive value of meat, fish, cereals, vegetables, pulses, milk and milk products.

 (*e*). Caloric value of foods.

 (*f*). Balanced diet for adults.

2. *First Aid and Home Nursing Mothercraft*:—

 St. John's Amgulance Certificate.

3. *House-hold Technology*:—

 A. *House-hold-Management.*—

 (*a*). A study of the home as a background for family life. The location of a home or apartment, house construction, kitchen planning, heating lighting and ventilation.

 (*b*). Selection, operation and care of Kitchen equipment. Selection and care of house furrishings.

 (*c*). Routine procedure in house-work. Time budgets and house-hold schedules with and without service and organisation of household data.

 B. *Needle-Work*:—

 Practical and Theoretical.—

 (*a*). Making of garments on scientific basis (Drafting).

 (*b*). Colour, design, suitability and economical Practical and Theoretical.—

(c). Each student is expected to make various personal garments in silk, cotton, and wool for adults and infants. ·

(d). Embroidery Applique, Net, Richelieu, Cut, Old English work and design making.

(e). Upholstery.

Students should be able to renovate and upholster a chair, neatly darn a carpet invisibly, cut-out and make covers for chairs, settees, divans, boxes, pouffs, humpties and window seats, etc.

C. *Laundry and applied Chemistry* :—

(a). Examination and treatment of water for laundry purposes.

(b). Water Softeners, soap powders.

(c). Effect on common fibres of ordinary washing methods.

(d). Removal of stains in detail.

(e). Methods of washing silk, woolen and cotton goods, sorting, washing, bleving, starching, ironing and folding.

D. *Cookery* :—

Practical.—

(a). Methods and Principles of refrigration.

(b). Preparation, planning and service of various types of meals.

(c). The theory and practice of table service.

(d). Table decoration.

(e). Discussions and demonstrations which·relate to problems of quantity, cookery, service, marketing, food costs, and good care.

(*f*). Preparation of special diet for :—

    (1). Constipation.

    (2). Diabetes.

    (3). Invalids.

    (4). Pregnancy.

    (5). Lactation.

    (6). Children of varying ages.

Note :—

    Dietetics should be combined and put into practice where-ever necessary.

    (*g*). Advanced Cookery, English and Indian.

(*f*) PHYSICS.

Dynamics.—The units of length and time. Displacements, speed, velocity, and uniform acceleration of particle moving in a straight line. Momentum. Newton's Laws of motion; the units of mass and force. Hick's ballistic balance. Motion of a particle in a straight line under the action of a force in that line and in a vertical plane under the action of gravity. Energy. work, power, and their units; simple illustrations of the conservations of energy from Dynamics.

    Conditions of equilibrium of a body under three concurrent forces (the parallelogram and triangle of forces), and under parallel forces. Centre of gravity, simple machines. The balance and its sensibility.

    The motion of a simple pendulum (studied experiment-ally). Deductions from the formula for the time of oscillation of a simple pendulum.

    General properties of matter.—Extension, inertia, gravitation, divisibility, porosity elasticity, cohesion, ductility, malleability, brittleness; plasticity, viscosity. The three states of matter. Changes of state produced by heating and cooling.

Elasticity.—Its definition. Distinction between solids and fluids owing to difference in elasticity.

Hydrostatics.—Pressure at a point in a fluid; definition and illustration; transmissibility of pressure. Evalution of pressure at a point in heavy fluid at rest; its uniformity in all directions. Resultant thrust in simple cases. The principle of Archimedes, floating bodies, hydrometers. Applications to practical determination of density and specific gravity. The pressure of a gas and its determination; the barometer and its use in the measurement of atmospheric pressure. Boyle's Law, air pumps and water pumps.

Heat.—Temperature and its measurements; the construction and graduation of thermometers. The thermal expansion of solids, liquids and gases and their accurate determination; the air thermometer. Heat as a quantity; the unit of heat, specific heat and the more direct methods of calorimetry. Laws of fusion, evaporation and ebullition; latent heat. Vapour pressure and how it is measured. Saturated and unsaturated vapours. Conduction and convection of heat; definition of thermal conductivity. Radiation; absorption and reflection; Law of cooling. The dynamical equivalent of heat; the conservation of energy.

Light.—The rectilinear propagation of light, formation of shadows, images in pin-hole camera. The experimental facts and laws of reflection and refraction of light; simple geometrical deduction from these, applicable to small direct pencils incident on plane and spherical surfaces. The eye and ordinary defects of vision. Magnifying power. Applications to thin lenses. The telescope and the microscope. The disperison of light, the spectroscope. Radiation and absorption of spectra. Critical angle and total internal reflection. Determination of refractive indices.

Magnetism.—Properties of magnets; poles, laws of magnetic force, unit poles, lines of force; uniform magnetic fields and experimental methods of comparing them. The magnetic moment of a magnet. Comparison of magnetic moments. The earth's magnetic field; the compass. Magnetic induction. The magnetic properties of iron and steel.

Electricity.—Electrified bodies; electric quantity. Conductors and insulators. Distribution of electricity on conductors.

Induction. Laws of force between two small charged spherical conductors. Line of electrostatic force, the electric field. Electric force and electric potential. Difference of potential. Electric condensers and capacity. Dielectric constant.

The more common forms of voltaic cells and the actions that go on in the cells while producing a current. Polarization of cells and methods of preventing it. The action of currents on magnets; galvanometers depending on such action, including suspended coil type. Metallic (Linear) conductors and electrolytes; laws of electrolysis. Electromotive force . Ohm's Law; resistance and the simpler methods of determining it. Measurement of current and comparison of Electro Motive Forces. Distribution of energy in circuit by current and heating effects. Electromagnets.

Sound.—Simple vibratory motion. The production and propagation of sound; the velocity of sound in air and its determination; Nature of wave motion and sound waves. Frequency of vibration, pitch. Amplitude of vibration; loudness. Laws of vibration of strings and air columns. Interference of sound waves and beats.

Practical.

Length measurements by millimetre scale. Vernier micrometer gauge and spherometer.

Determination of areas and volumes by measurements of linear dimensions.

Verification of conditions of equilibrium of a body under coplaner forces.

Determination of the centre of gravity of a plate.

Verification of the law of a simple pendulum; determination of g.

The inclined plane; system of pulleys.

Use of balance, sensitive to .01 gram.

Determination of volumes by weighing water; determination of capacities of vessels.

Specific gravities of solids and liquids; use of hydrometer.

Determination of atmospheric pressure by taking reading of Fortin's Barometer and correcting for temperature.

Verification of Boyle's Law.

Determination of fixed points of thermometer.

Determination of co-efficient of expansion of a rod.

Determination of co-efficient of apparent expansion of a liquid.

Expansion of air at constant pressure.

Co-efficient of increase of pressure of air with tempreature at constant volume.

Curves of cooling; melting points.

Determination of specific heats of solids and liquids.

Latent heat of water and steam.

Determination of vapour pressure; boiling points.

Determination of the dew point by Regnault's and wet and dry bulb-hygrometers.

Comparison of thermal conductivities.

Radiation of heat from different surfaces.

Verification of the laws of reflexion of light.

Tracing the path of a ray of light through a block of glass and deducttion of refractive index.

Focal lengths of concave and convex mirrors.

Focal lengths of convex and concave lenses.

Measurement of the refractive index of a liquid by measureing its apparent depth.

Measurement of the refractive index of a liquid by measuring the refractive index for sodium light.

Comparison of illuminating powers of different sources of light by the shadow and the grease spot Photometers.

Tracing the lines of force in a magnetic field by iron filings and also by means of a small compass.

Comparison of magnetic moments.

Comparison of strength of magnetic field by the method of vibration.

Study of the simple cell, the Daniel and Leclanche cells.

Absolute measurement of current (i) by tangent glavanometer (ii) by electrolysis.

Measurement of heat developed by current.

Measurement of resistance of wires.

Comparison of electromotive forces; the potentiometer.

Comparison of frequencies of tuning forks.

Verification of aws of transverse vibration of strings.

Determination of velocity of sound by resonance of air columns.

(*g*) CHEMISTRY.

THEORY

General and Physical: (Approximately 45 lectures).

Elementary and compound substances, symbols and formulae, mixtures, solutions, chemical action, laws of definite, multiple and reciprocal proportions. Equivalent weights, Dalton's Atomic Theory, atomic weight, valency, Boyl's Law, Charles's Law, Vapour pressure, diffusion. Combination of gases by volume, Avogadro's Hypothesis, vapour density, molecular weights, molecular formulæ and equation, calculations, Oxidation and reduction, combustion, and the structure of flame, catalysis, dissociation in gases, electrolysis, ionic theory treated in an elementary way, properties of acids, bases, and salts: outlines of the periodic classification; elementary ideas about the structure of an atom.

Inorganic: (Approximately 90 lectures).

Occurence, preparation, properties and important uses of the following elements :—

Oxygen, nitrogen, hydrogen, chlorine, bromine, iodine, carbon, sulphur, phosphorus, arsenic, sodium, potassium, copper, silver, calcium, magnesium, zinc, aluminium, tin, lead, and iron. Preparation, properties and important uses of the following compounds with the proofs of the composition of those underlined :

Water, hydrogen chloride, hydrogen bromide, hydrogen iodide, *ozone,* oxides of nitrogen, *ammonia,* nitrous acid, nitric acid, carbon monoxide, *carbon dioxide,* coal gas, *hydrogen sulphide,* sulphur dioxide, sulphurous acid, sulphur trioxide, sulphuric acid, carbon disulphide, Phosphine, oxides of phosphorus, phosphoric acids, arsine, silica, silicates and glass.

Preparation, properties and important uses of the following compounds, together with a brief description of the methods of manufactures of those underlined :—

Chloride, *hydroxide,* peroxide, *carbonate,* bicarbonate, sulphate, thiosulphate, nitrate, nitrite, phosphate of sodium, borax ; chloride, chlorate, bromide, iodide carbonate, nitrate, cyanide, permanganate and dichromate of potassium ; ammonium chloride, ammonium carbonate, ammonium nitrate, ammonium sulphate ; cupric oxide, cupric sulphate, cuprous chloride ; (electroplating) silver nitrate, silver chloride, silver bromide, silver iodide (photography) ; oxide, hydroxide, carbonate, *carbide,* chloride, sulphate, phosphate of calcium, *bleaching powder* ; oxide, carbonate, chloride, and sulphate of magnesium ; oxide, chloride, and sulphate of zinc ; mercurous chloride and oxide, mercuric chloride and oxide, chloride and sulphate of aluminium, alum ; stannous chloride, stannic chloride, litharge, lead peroxide, red lead, white lead ; oxides of iron, ferrous sulphate, ferric chloride, potassium ferrocyanide, potassium ferricyanide.

Organic: (Approximately 45 lectures).

Systematic study of the modes of occurrence, prepration, general properties and constitutional formulae of the follow-

ing together with a brief description of the methods of manufacture of those underlined :—

Mathane, ethane, petroleum, halogen derivatives of methane and ethane, *methyl alcohol, ethyl alcohol,* dimethly ether, *diethyl ether,* formaldehyde, acetaldhyde, acetone, formic acid, *acetic acid, vinegar,* acetyl chloride, acetic anhydride, acetamide, glycine, nitro-methane, methyl amines, ethylamine ethylene, acetylene, glycol, *glycerol,* fats, vegetable oils, *soaps,* oxalic acid, succinic acid, tartaric acid, citric acid, *cane sugar,* dextrose, laevulose, starch, cellulose, urea, uric acid, *benzene,* toluene, chloro--benzene, nitrobenzene, *aniline, phenol,* benzaldehyde. benzoic acid, salicylic acid.

PRACTICAL.

(Approximately 80 practicals).

Study of burners, fitting up of wash-bottle, simple manipulations, such as, decantation, filteration, distillation, sublimation and crystallisation ; preparation and properties of crystals of a few inorganic salts, such as, mercuric iodide, (sodium chloride), copper sulphate, lead nitrate, etc., preparation and properties of hydrogen, oxygen, chlorine, ammonia, nitric oxide, suphur dioxide, carbon monoxide, carbon dioxide, preparation and properties of nitric acid, aqueous ethyl alcohol and acetic acid.

Use of chemical balance, estimation of the percentage composition of simple mixtures, estimation of loss of weight on heating, determination of water of crystallisation, determination of equivalent weight of magnesium, zinc, copper and tin.

Qualitative analysis of single salts, containing the following radicals :—

Silver, mercury, lead, copper, bismuth, cadmium arsenic, antimony, tin, iron, aluminium, chromium, nickle, cobalt, manganese, zinc. barium, strontium, calcium, magnesium, potassium, sodium, ammonium carbonate, bicarbonate, formate, acetate, oxalate, sulphate, sulphide, thiosulphate, sulphite, nitrite, nitrate, chloride. chlorate, bromide, iodide, phosphate, borate, (analysis of salts insoluble both in water and acids is excluded). Simple exercises in volumetric analysis, comprising (*a*) alkalimetry and acidimetry, (*b*) estimation of ferrous iron and oxalic acid by means of per manganate and (*c*) estimation of chlorine by means of silver nitrate solution.

(h) BIOLOGY.

(i) *Botany*:

The distinguishing features of living and non-living bodies.

The description and the minute structure of a vegetable cell.

Chemical and physical properties of protoplasm, direct and indirect division of a cell.

Description of the macroscopic and microscopic appearance of root, stem and leaf.

General description of flower, inflorescence and branching, fruits, seed and dispersal of seeds of the types studied.
Transpiration, respiration and absorption in plants.

Reproduction in plants.

Elements of classification.

Description and practical knowledge of the structure, function and life-history of Yeast, Mucor, Spirogyra, Fern, Cycas, Maize, and Sunflower.

N.B.—Students are expected to keep a record of all practical work in a special Laboratory Note-book which will be liable to Examination by the University Examiners. The Laboratory Instructors should sign the result of each day's practical work.

(ii) *Zoology*.

Living and non-living matter. The distinctive properties of protoplasm and its chemical composition. A general conception of the structure and phenomena of the animal cell; direct and indirect cell division. The union of cells to form tissues, and the combination of tissues to form organs.

An elementary idea of the doctrine of Evolution with an explanation of the following terms: Variation, Heredity, Natural Selection, and Recapitulation theory.

Elements of Genetics:—Definations of Genetics and Eugenics. Elementary knowledge of the inheritance of acquired characters (with special reference to transmission of diseases; immunity and the effects of Drugs; parental influences).

Mendelism and its practical application. Definition of mutation. Pedigree, Breeding and Hybridization. Genes and elementary idea of the bearers of hereditary characters; Weismann's Germ--plasm theory. Determination of sex and sex-chromosomes (as illustrated by Drosophila). Bearing of heredity on evolution and disease. Application of Genetics and Eugenics to man.

A general classification of the animal kingdom with the characteristics of the principal phyla. The general characters of the Chordata.

Sexual and asexual methods of reproduction. The elementary facts of fertilization and segmentation of the ovum in frog. The formation of three primary germinal layers and their subsequent fate.

The frog as a type of higher animals. The elements of vertebrate histology illustrated from the frog. Elementary facts of Physiology. The outlines of the metamorphosis of frog.

Amoeba and Malarial parasite as types of Protozoa. *Hydra* as an example of the Metazoa. The principles of the Physiological division of labour and the correlated differentiation of structure.

Pheretima as an example of segmented animals. The significance of the three primary germ-layers and of the coelom.

The Cockroach as type of Arthopoda, Metamorphosis amongst insects as illustrated by the life-histories of the house-fly (Musca) and the common mosquito, and their economic importance.

General characters of Aves. An elementary knowledge of the anatomy of the Rabbit as a type of Mammalia.

Difference between the poisonous and the non-poisonous snakes.

Practical.

Candidates will be required to dissect, describe or examine microscopically the following types; Amoeba, Hydra, Pheretima, Cockroach, Frog (and its skeleton) and Rabbit, (and its skeleton).

A microscopical study of the chief animal tissues from prepared slides of epithelium, muscle, nerve, cartilage, bone,

blood and other connective tissues, and also that of the kidney. liver, spinal cord, stomach, intestine, ovary and testis of frog.

They will be also required to submit the original sketch-books, initialled and dated by their teachers, determining the result of the examination.

(i) MATHEMATICS.

Algebra.

Ratio, proportion and variation.

Progressions, including the summation of squares and cubes of natural numbers.

Surds and elementary properties of imaginary quantities. including the cube roots of unity.

Solution and theory of Quardratic Equations. Quardratic Expressions. Easy equations solvable as quardratics, including easy simultaneous quadratic equations.

Permutations and combinations (easy treatment)

Binomial Theorem for positive integral index. Statement and application of the Binomial Theorem for negative and fractional indices, with elementary notions of convergence.

Logarithms of numbers.

Trigonometry.

Sexagesimal and circular units of angular measurement.

Trigonometrical ratios of any angle and simple relations connecting them.

Periods and graphs of trigonometrical functions. Graphical solution of simple trigonometrical equations.

Addition and subtraction formulæ. Logarithms of trigonometrical ratios, and the use of trigonometrical tables. Properties and solution of traingles with the use of tables.

Simple cases of heights and distances in two and three dimensions.

Radii of circumscribed, inscribed and escribed circles of a triangle.

Inverse circular functions (principal value).

Geometry—Plane.

The feet of the perpendiculars on the sides of a triangle from any point on the circumcircle are collinear.

The existence and simpler properties of the nine points circle.

If ABC be a triangle and AD a medium,
$$AB^2 + AC^2 = 2(BD^2 + AD^2).$$

If ABC be a triangle and AD the bisector of angle A,
$$AB.AC = BD.DC + AD^2.$$

If ABC be a triangle and AD the perpendicular from A on the base and AE the diameter of the circumcircle, then
$$AB.AC = AD.AE.$$

If ABCD be a quadrilateral inscribed in a circle,

$$AC.BD = AB.CD + BC.AD.$$

If two rectilinear figures are similar, they can be so placed that the lines joining their corresponding vertices are concurrent.

If two rectilinear figures are similar their corresponding sides and diagonals are proportional and their areas are proportional to the squares of corresponding sides.

Every straight line which passes through the extremeties of two parallel radii of two fixed circles passes through one or other of two fixed points.

If A, B, C, D be four points taken in order on a straight line,
$$AB.CD + BC.AD + CA.BD = 0$$

Simple properties of cross ratios and harmonic section.

If a straight line be drawn from a given point to cut a given circle, the intersection of the tangents at the two points of section always lies on a fixed straight line.

If the polar of A passes through B, then the polar of B passes through A.

Determination of the locus of points from which the tangents drawn to two given circles are equal.

The radical axis of three circles taken in pairs are concurrent.

Construction of the radical axis of two given circles.

To draw a circle to touch a given circle (O), and also to touch a given straight line PQ at a given point A.

To draw a circle to pass through two given points A and B, and to touch a given straight line CD or a given circle (O).

To draw a circle to pass through a given point P and to touch two given straight lines AB, AC.

Ceva and Menelaus theorems about concurrency and collinearity, with simple applications.

Elementary maxima and minima (Geometrical treatment).

Geometry.—Solid.

Elementary properties of lines and planes.

Solid figures. Regular polyhedra.

Surfaces and volumes of parallelopipeds, prisms, pyramids, cylinders, cones and spheres.

Geometrical Conics.

Tracing of Parabola, Ellipse and Hyperbola from the definition.

Simple common properties of the conic sections:—

If a straight line cut a conic, whose focus is S, in points P and P¹— and the directrix in D, then SD will be equally inclined to SP and SP

The portion of tangent to a conic intercepted between its point of contact and a directrix, subtends a right angle at the corresponding focus.

Tangents at the extremeties of a focal chord of a conic intersect on the corresponding directrix.

If from any point T on the tangent at a point P of a conic TH be drawn perpendicular to the directrix and TK perpendicular to the focal distance SP, then the ratio SK : TH will be equal to the eccentricity.

To draw tangents to a conic from an external point.

The normal at P to a conic meets the transverse axis in G. then SG = e. SP.

Parabola.

Latus rectum is four times the focal distance.

$$PN^2 = 4 \ AS.AN$$

The tangents bisect the angle between the focal distance and the perpendicular on the directrix.

The tangents at the extremeties of a focal chord intersect at right angles on the directrix.

The subtangent is bisected at the vertex.

The subnormal is equal to half the latus rectum.

The locus of the foot of the perpendicular from the focus on any tangent is the tangent at the vertex.

The locus of the middle points of parallel chords is a straight line, parallel to the axis, passing through the point of contact of the tangent parallel to the chords.

Ellipse.

$$CS.CX = CA^2$$
$$\frac{PN^2}{AN.A'N} = \frac{CB^2}{CA^2}$$
$$CB^2 = SA.SA'$$
$$SP + S^1P = AA^1$$

The curve is symmetrical with regard to the minor axis and has a second focus and a corresponding directrix.

The locus of middle points of parallel chords is a straight line passing through the centre and the points of contact of tangents parallel to these chords.

The tangent at any point makes equal angles with the focal distances of the point.

The locus of the feet of the perpendiculars from the foci on any tangent is the auxiliary circle.

Note—proofs with the help of projection will be accepted.

Hyperbola.

The difference of the focal distances of any point on a hyperbola is constant.

The tangent at any point makes equal angles with the focal distances of the point.

The locus of the feet of the perpendiculars from the foci on the tangents is the auxiliary circle.

Co-ordiante Geometry.

Rectangular axes only.

Meaning of a graph.

The equation of a straight line. Two straight lines, given by the general equation and the angle between them.

Circle—General equation.

Circle through three points, chord, tangent, intersection of a straight line and a circle, chord of contact, pole and polar and condition of tangency.

Equation of parabola, ellipse and hyperbola referred to principle axes.

Intersection of a straight line with a conic and condition of tangency. Tangent and normal. Very simple treatment required.

Calculus.

Idea of limit and continuity.

Differentiation of elementary algebraic, trigonometric, exponential and logarithmic functions and their simple combinations. Successive differentiation, excluding Leibnitz theorem.

Geometrical application to the tangent and normal properties of conics and other simple curves.

Integration as the inverse of differentiation. Integration of simple standard functions by simple substitution. Evaluation of definite integrals by substitution of limits.

(*j*) GEOLOGY.

An Elementary Course of Lectures on the following :—
Physical Geology :—

Definitions and sub-division of geology and its connection with other sciences.

Geological action of the atmosphere, running water, lake, springs, ice, ocean, plants and animals and their effect on earth's surface.

Igneous action, volcanoes, characters and products of eruption, varieties of cones and craters, distribution and origin of volcanoes.

Earth-quakes, their causes and geological effects.

Secular upheaval and subsidence.

Rocks comprising the earth's crust, division into igneous, sedimentary and metamorphic rocks, their general characters, texture, structure and mineral composition. Classification of igneous and sedimentary rocks.

Stratification; deformation of strata, dip and strike, outcrop, folds, domes and basins, faults, outlier and inlier, unconformity. Igneous structures such as sill, laccolith, dyke, apophyses, batholith, roof pendents, cupola, stock and boss.

II. *Stratigraphy and Palaeontology* :—

Standard stratigraphical division into groups and their representatives.

Fossils, preservation of organic remains, their occurrence and significance. Their value in determining the past history of the earth.

General characters of the principal fauna and flora of the Palaeozoic. Mesozoic and Cainozoic eras.

Elementary knowledge of Indian Geology with special reference to the Geology of Hyderabad.

III. *Crystallography* :—

Crystal : its definition and characteristics, and elements of symmetry. Division into six systems. Simple forms combinations description, indentification and drawing of simple crystals from models.

IV. *Mineralogy* :—

Definition of a mineral, physical properties of the minerals-cleavage, fracture, hardness, colour, lusture, streak and specific gravity. Identification by physical properties of the more important rock-forming and economic minerals. Examination of the optical properties of the principal rock-forming minerals under the microscope.

V. *Petrology.*

Classification of rocks, identification of igneous, sedimentary and metamorphic rocks in hand specimens. Microscopic study of the plutonic rocks of simple types.

Practical - Work.

Determination of hardness, fusibility, and specific gravity of minerals. Determination of optical properties in thin sections of the principal rock-forming minerals; viz. quartz, felspars, muscovite, biotite, hornblende, augite olivine, garnet, and opaque iron ores.

Megascopic description of the distinctive characters of the principal types of igueous, sedimentary and metamorphic rocks. Microscopic examination of the simple types of plutonic rocks. Drawing of crystal models and indentification of their forms and system. Blow-pipe analysis of mineral and ore.

Excursions.

Excursion to places of geological interest under the immediate guidance of the professor. The aggregate time spent on the excursions shall not be less than seven days during the course.

Note.—

In the practical examination candidates must present their note-books containing the description of practical class-work and notes of field-work performed in the course of their studies, duly dated by the student and signed by the lecturer in charge.

(h) اخلاقیات

پہلا حصہ:

۱ ـ اخلاقیات کا دائرہ بحث اور اس کی قدر و قیمت ـ اخلاق انسان کے اغراض و مفاد کی تنظیم کی حیثیت سے ـ فرد اور جماعت ـ اخلاقیات اور اجتماعی مسائل ـ اخلاق فطری اور ضروری ہے ـ فطری علوم کی اساس پر اخلاقیات کو ترقی دینے کا امکان ـ

۲ ـ اخلاق کا سب سے پہلا سبق فطرت سے حاصل ہوتا ہے ـ حیوانوں میں اخلاقی جبلت ـ ہر عضویہ اپنے ماحول کے مطابق بنتا ہے ـ زندگی کی کش مکش اور اس کا غلط تصور (نیٹشے کا نظریہ) ـ حیوانوں میں غول داری یا معاشرت و امداد باہمی ـ

۳ ـ اخلاق کی ابتدا اور اس کی ترقی ـ انسان میں اخلاقی وجدان کا آغاز (ڈارون کا نظریہ) ـ شخصی اخلاق کی ابتداء ـ احساس فرض ـ اجتماعی اخلاق کی ابتدائی منازل ـ وحشی اقوام کا اخلاقی تصور ـ قدیم معاشرت کے عقلی اور تمدنی ترقی کے اسباب ـ

۴ ـ معاشرے کے حق میں فائدہ بخش رسم و رواج اور مہذب طریق زندگی کا قیام ـ رواج یا دستور سے ضمیر کی سمت میں اور گروہی اخلاق سے شخصی اخلاق کی سمت میں ترقی ـ بعض قدیم اقوام کی اخلاقی ترقی کی مثالیں ـ اخلاق اور غیر اخلاقی رواج کا فرق اخلاق کس سمت میں ترقی کر رہے ہیں ـ عہد جدید ـ کیا اخلاقی ترقی یقینی ہے؟

ضمیر ۔ انسان کی شعوری ترقی کی تاریخ ۔ ضمیر کی ابتدا، ترقی اور
اس کی قدر و قیمت ۔ کیا اخلاق کو ضمیر کی بنیاد پر قائم کیا
جاسکتا ہے؟ کیا مختلف قوموں کے احکام ضمیر میں یکسانیت
ہے؟ کیا ضمیر کے احکام سے ہر جگہ اتفاق کیا جا تا ہے؟
بصیرت ۔

روابی اخلاق کے خلاف کون سی قومیں کام کرتی رہیں ۔
رسم رواج کے تاریک اور روشن پہلو ۔ قدامت پرستی اور
انتہا پسندی ۔ روابی اخلاق کے خطرے ۔ جدید دور کے فکری
اخلاق اور قانون ۔ مذہب اور قانون ۔ قانون کی پابندی ۔ روابی
اخلاق اور فکری اخلاق کا عام مقابلہ ۔

دوسرا حصہ :

۔ فعل صائب اور فعل غیر صائب ۔ اس صواب کی ماہیت جس کی
رو سے افعال پر قدر و قیمت لگائی جاتی ہے ۔ خیر و شر یا نیک و بد ۔
کس قسم کا کردار صائب اور کس قسم کا غیر صائب ہے ۔

۔ فرض کے معنے ۔ فرض اور سعادت و مسرت ۔ انسان میں خود
غرضی کیوں نہو ۔ کیا خواہشوں پر قابو پانا ہر صورت میں
برا ہے؟

سیرت اور اس کی نیکی ۔ ارادہ ، اس کی قوت اور قدر و قیمت ۔
ارادے کی آزادی کے معنے ۔ ضمیر دوستی کے خطرے ۔ تعریف
اور مذمت ذمہ داری ۔

شخصی مسائل اور ان کا حل ۔ جبات اور ہیجان کی خامیاں
شخصی اخلاق کے نصب العینوں پر غور کرنے میں کن عناصر سے

کام لیا جائے. ایسی توریت (Epicurian) کا، قابلہ انتہائی احتیاط پسندی سے ۔ نفس پرستی کی رائیان ۔ نفس کشی کی خرابیاں ۔

۱۱ ۔ اجتماعی مسائل اور ان کا حل ۔ مواخات یا بھائی چارہ ۔ خود غرضی اور بے غرضی ۔ کیا اخوای ہیجانات ہمیشہ درست ہوتے ہیں۔ انانیت اور اخوانیت ، ان میں کہاں تک مطابقت ہے۔

۱۲ ۔ کیا اخلاق محض موضوعی اور اضافی چیز ہے ؟ کیا ہم فطرت کے مطابق زندگی بسر کریں اور ارتقائی عمل کے ،مطابق زندگی کو ڈھالیں؟ لذت اور دلم ۔ کیا ترقی و تکمیل نفس یا تحقیق ذات آخری غایت ہے ؟

۱۳ ۔ اخلاقی ترقی ۔ تصویر کا تاریک پہلو۔ تصویر کا روشن پہلو۔ اخلاقی اصلاح کے مسائل ۔ حکومت بہتر اخلاقی ماحول پیدا کرنے کیلئے کیا وسائل اختیار کرے؟

تیسرا حصہ:

۱۴ ۔ وفاداری اور خیرخواہی ۔ اجتماعی روابط ہم پر کیا فرائض عائد کرتے ہیں ۔ سچائی اور راستبازی ۔ سچائی کا معیار کس اعتبار سے پست ہے ۔

۱۵ ۔ ترقی کے معیار اور شرائط ۔ اجزائے ترقی ۔ ذہنی ترقی ۔ اخلاقی ترقی۔آزادی یا معاشری آزادی۔ مساوات ۔

۱۶ ۔ سعادت حاصل کرنے کے طریقے ۔ قناعت ۔ ہوا و ہوس سے احتراز۔ سادہ زندگی ۔ ضروریات زندگی کو بہت پھیلانے سے احتراز۔ضبط نفس ۔ پابندی فرائض ۔ تسلیم و رضا ۔ حسن اور عجائبات فطرت کی قدر دانی ۔

۱۷ ۔ معاشرے کی اصلاح ۔ امور ذیل کے متعلق حکومت کے فرائض :۔

امراض اور حفظانِ صحت ۔ افلاس اور بے روزگاری ۔ تجارتی خرابیاں ۔ جرائم ۔ زندگی کے معیار کی پستی ۔ جہالت و بے علمی ۔ پیشوں کا پست معیار ۔ تہذیب و تمدن کا فقدان ۔

۱۸ ۔ صنعت و حرفت اور کاروبار میں خودغرضی ۔ ناجائز نفع اندوزی ۔ عوام الناس ۔ آجر اور سرمایہ دار کو کیسے نقصان پہنچتا ہے ۔ ان خرابیوں کی اصلاح کی صورتیں ۔ صنعتی انقلاب کے معاشری نتائج ۔ شہریت ۔ وسیع پیمانے کی صنعت پر تنقید ۔

۱۹ ۔ معاشیاتی تقسیم ۔ دولت اور انسان کی خوش حالی ۔ دولت اور جائداد ۔ تقسیم دولت پر قابو رکھنے کے اصول ۔ انتہا پسندانہ انفرادیت ۔ عمومی انفرادیت ۔ اشتمالی مساوات ۔ رقمی اقتدار اور تہذیب و شایستگی ۔

۲۰ ۔ استحقاق ۔ کیا ہماری موجودہ تقسیم دولت اور ذرائع آمدنی صحیح بنیادوں پر قائم ہیں ؟ موجودہ عدم مساوات' یہ کس طرح استحقاق کا نتیجہ ہے ۔ دولتمندوں کا ناجائز اسراف ۔ عیش پسندی کی غلط صورتیں ۔ عدم مساوات کے اسباب اور ان کو دور کرنے کے طریقے ۔

C.
B. A. EXAMINATION.

B. A. EXAMINATION.

1353 and 1354 F. (1944 and 1945).

RULES AND SUBJECTS FOR EXAMINATION.

1. The examination for the degree of Bachelor of Arts shall be held once a year in Hyderabad, at such time and on such dates as the Syndicate may prescribe.

2. The examination shall be open to :—

(1) All students who have satisfactorily completed a regular course of study in a college of the University for not less than two academic years after passing the Intermediate Examination of the Osmania University or an examination or test accepted by the University as equivalent thereto.

(2) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a college of the Osmania University and have been permitted, under Regulation (3) below, to reckon a previous year of study since passing the Intermediate Examination or its equivalent at a college of a University recognised for the purpose by the University.

3. Any student may be admitted to the final class of a college of the Osmania University, provided he produces a certificate from the Principal of the college (affiliated to any of the Universities recognised by the University) he was last attending, that the penultimate year of his degree course at college has been duly kept according to the regulations in force at the University from which he is migrating and that in the opinion of the Principal he was fit for promotion to the final class of that college.

4. Persons coming under the following descriptions, though not belonging to a college of the University will be allowed to appear privately for this examination:—

(a) Inspecting Officers of the State Educational Department and whole-time teachers employed in educational institutions recognised by the University or by the Educational Department, provided they are certified by the Divisional Inspector of schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

(b) Women candidates.

Provided also that in the above cases, by the date of the examination, not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

5. Candidates from a College of the University, who have been allowed to appear at the examination once but have not been able to appear or have failed to pass, may be admitted as private candidates to a subsequent examination, provided they do not change the subjects they had studied at college. In case they change any of their subjects they shall be required to put in fresh attendance in the college in the subject or subjects they have changed.

6. Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should, therefore, ascertain from the Registrar before applying for permission, whether regular students of the University are taking up those subjects.

7. Application of private candidates for admission

to this examination, in the form prescribed must reach the Registrar not less than two months before the examination, accompanied by a fee of Rs. 32.

8. In the case of college candidates, applications for admission and certificates of attendance and progress in the prescribed form, together with a fee of Rs. 32 for each candidate, shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.

In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examination.

. 9. No students will be allowed to appear at the examination, unless he has put in 70 per cent. attendance in each of the subjects of his course for the examination. If there is a practical examination in a subject, he shall have to make up the same percentage of attendance separately in the practical course of lectures. The Syndicate may however condone the deficiency in attendance not exceeding 5 per cent. on special reasons, especially, ill-health when the application is supported by a certificate by an authorised Medical Officer, which can satisfy the Head of Institution.

A member of the U.T.C. shall be permitted to count as attendance the periods spent on duty in connection with the University Training Corps Camps.

Students attending Inter-University Tournaments or Debates will be entitled to the same privilege.

10. Upon the receipt of the application and the fee prescribed, and also the attendance certificates in case of candidates from colleges, the Registrar shall at least a week before the examination, cause to be furnished to the candidate, a receipt for each fee received,

which will also serve as a ticket of admission to the examination hall, to be produced by the candidate in the hall, if called for.

A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the admission fee.

11. The examination shall be conducted by means of printed papers. Papers will be set and answered in Urdu with the following exceptions:—

(1) European Languages. Ordinarily in English.

(2) Sanskrit, Prakrit or   In the language itself,
    Pali.   or in English or in
                            Urdu.

(3) Modern Indian Verna-   In the language itself
    cular.   or in Urdu.

N.B.—In the case of these exceptions, the Registrar will, six months before the date of the examination, notify the language in which the paper will be set, and candidates will be expected to answer in that language unless by a previous arrangement with the Registrar they have been permitted to answer in any of the alternative languages above specified.

12(a) The subjects for examination are as follows:—

I. English.

II. One of the following schools:—

(*a*) Languages.

(*b*) Mathematics.

(*c*) History.

(*d*) Economics.

(*e*) Philosophy.

(*f*) Domestic Science (for Girls only).

III. Theology or Morals.

12(b) The arrangement of papers and marks in different subjects shall be as follows:—

I. ENGLISH—Four Papers:—

Paper 1.—Detailed Prose .. 80 ⎤ 100
         History of Literature . 20 ⎦

Paper 2.—Detailed Poetry .. 80 ⎤ 100
         History of Literature . 20 ⎦

Paper 3.—Essay .. .. 75 ⎤ 100
         Unseens .. 25 ⎦

Paper 4.—Non-Detailed Texts .. 70 ⎤ 100
         Translation from Urdu 30 ⎦
         into English.

Questions on the History of Literature will be compulsory.

II. (a) LANGUAGES—any two of the following:—

1. Arabic.
2. Sanskrit.
3. Persian with Elementary Arabic.
4. Latin.
5. Greek.
6. Urdu with Hindi Bhasha.
7. Marathi.
8. Telugu.
9. Kanarese.
10. French.
11. German.

A knowledge of the history of the language and literature in the languages selected will be required.

There will be three papers in each of the two languages selected carrying 100 marks each.

The first paper in Arabic, Sanskrit, Persian and Marathi will be on Prose (75 marks) and History of Literature (25 marks): the second paper will be on Poetry (75 marks), and Rhetoric and Prosody (25 marks) and the third paper will be as follows:—

ARABIC:—

Translation from Arabic into Urdu ..	40
Translation from Urdu into Arabic ..	40
Grammar	20
	100

SANSKRIT:—

Translation from Sanskrit into Urdu ..	35
Translation from Urdu into Sanskrit ..	35
Grammar	30
	100

PERSIAN:—

Translation from Urdu into Persian ..	30
Composition	40
Elementary Arabic, Text and Grammer.	30
	100

MARATHI:—

Composition	75
Precis-writing	25
	100

The distribution of papers in Urdu will be as follows:—

Paper 1—Prose	75
History of Literature ..	25
	100

This paper will also contain a question on Precis-writing which will carry not less than 10 marks.

Paper 2.—Poetry	..	..	75
Rhetoric and Prosody		..	25
			100

Paper 3.—Composition	..	70
Translation from Bhasha into Urdu		12
Translation from Urdu into Bhasha		18
		100

The distribution of papers in Telugu and Kanarese will be as follows :—

Paper 1.—Prose	..	..	50	⎫ 100
Drama	..	..	50	⎭
Paper 2.—Poetry	..	..	50	⎫
Prosody and Rhetoric		25	⎬ 100
History of Literature		25	⎭
Paper 3.—Composition	..	..	75	⎫ 100
Precis writing	.	..	25	⎭

The distribution of papers in Latin, Greek, French and German to be notified later on.

(*b*) MATHEMATICS.—6 Papers of three hours and carrying 100 marks each :—

(1) Theory of numbers, Algebra, Probablity and Statistics.

(2) Coordinate Geometry of two and three dimensions and pure Geometry.

(3) Calculus (Differential and Integral) and real variable.

(4) Complex variable and Differential Equations.

(5) Statics and Dynamics.

(6) Hydrostatics, Spherical Trigonometry and Astronomy.

(c) HISTORY.—6 Papers of three hours each:—

Principal.

Paper 1.—General Historical Essay—100 marks.

Paper 2.—Indian History—100 marks.

One of the following periods:—
  (i) Ancient, up to 1206.
  (ii) Medieval, 1206 to 1765.
  (iii) Modern, 1765 onwards up to the present day.

Paper 3.—General—100 marks, containing:—

A. History of the Deccan, covering the period of Indian History taken by the candidate.

B. Elements of the Cultural History of India with reference to the period of Indian History taken by the candidate.

C. Constitutional History of Modern India.

Paper 4.—One of the following—100 marks:—
(i) Select period of Islamic History.
(ii) Select period of European History.
(iii) English Constitutional History.
(iv) History of Indian Culture.

Subsidiary.

Paper 5.—Political Science. (Theoretical and Comparative)—100 marks:—

  (i) History of Politics   .. 30 marks.
  (ii) Politics (Comprising Political Theory and Comparative Government)   .. 70 marks.

Paper 6.—Economics or Sociology (Theoretical and Applied)—100 marks.

1. No student will be allowed to go up for his B.A. Examination in History unless he has taken Economics either in his Intermediate or B.A. Examinations.

2. A student will not be allowed to take the same subject which he selected in the Intermediate; in other words a student who took Sociology in the Intermediate shall take Economics, and those who had selected Economics shall take sociology.

N.B.—Candidates will be expected to answer questions on Historical Geography.

(d) ECONOMICS.—6 Papers of three hours and carrying 100 marks each:—

Paper 1.—Principles of Economics (including a brief description of the famous Schools of Economic Thought).

Paper 2.—Currency, Banking, Foreign Exchange and Public Finance.

Paper 3.—Economic History of England since the Industrial Revolution (1914).

Or

Economics History of India from the death of Akbar to the end of the 19th Century.

Paper 4.—Agricultural Economics and Co-operation

Paper 5.—Political Science or Sociology.—

Politics (Comprising Political Theory and Comparative Government.) Or Sociology.

Paper 6.—Trade, Industry and Transport problems of India.

(e) PHILOSOPHY.—6 Papers of three hours and carrying 100 marks each:—

General Philosophy.

Paper 1.—Nature, Schools and Problems of Philosophy.

Paper 2.—A brief sketch of the History of Philosophy together with a special study of an original work of any of the following Philosophers:—
Descartes, Berkeley or David Hum.e.

Oriental Philosophy.

Paper 3.—Outlines of Islamic Philosophy, Kalam and Sufism.

Paper 4—Hindu Philosophy.

Psychology.

Paper 5.—Elements of Phychology with allied Physiology.

Ethics.

Paper 6.—A brief study of Theoretical and Practical Ethics.

(f) DOMESTIC SCIENCE

and:

(i) One language and, Islamic or Indian History

or

(ii) Two Histories, Politics and Economics:—

Domestic Science:

Paper 1.—Biochemistry etc:	..	70
Paper 2.—Psychology etc:	..	70
Practical.—one paper:	..	60
		200

and:

(i) *Language and Indian History*:

3 papers in any one Language as detailed under the School of Languages.	300
One paper in Indian or Islamic History as detailed under papers (2) and (4) of the School of History.	100
	400

Or,

(ii) *History, Politics and Economics.*

Two papers in any two Histories as detailed under papers 2 and 4 of the School of History.	200
One paper in Political Science as detailed under paper 5 of the School of History.	100
One paper in Economics as detailed under paper 6 of the School of History.	100
	400

III.—Theology or Morals (one paper).—100 marks.

N.B.—Examinations in Theology or Morals shall be regarded as qualifying examinations and the marks gained by a candidate in the subject shall not be included in the grand total of the marks: but no student can go up for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

13. No candidate will be allowed to appear for the B.A. Examination unless he produces a certificate from the Head of the Department of English that he has written 20 essays during the course of two year's study. Failures who join the college will be required to write 10 essays. Students taking up History or Economics as their optional subjects will be required to write 25 and 20 essays and those candidates who join the college after failing in an Examination will be required to write 12 and 10 essays respectively.

14. In order to pass the Examination candidates will be required to secure 33 per cent. in each subject.--

    a. Candidates taking *Languages* will have to secure at least 25 per cent. of marks separately in each of the two languages and 33 per cent. in the aggregate.

    b. Candidates taking *Mathematics* will have to secure at least 25 per cent. of marks separately in the pure as well as in the applied Mathematics and 33 per cent. in the aggregate. Out of the six papers the first three papers will be regarded as Pure and the remaining three as Applied Mathematics.

    c. Candidates taking *History* will have to secure 25 per cent. marks separately in the Principal as well as in the subsidiary subjects and 33 per cent. in the aggregate.

15. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the First Class, those obtaining 45 per cent. or more but less than 60 per cent. in the Second Class, and the others in the Third Class.

The names of successful candidates placed in the First Class, shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the Second and Third Classes shall be arranged in serial order of their roll numbers.

16. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

17. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent. in English or in his selected subject, will be considered to have passed the whole examination, on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks gained by him in such subject in the previous examination do not fall short of 25 per cent. and provided that in that examination he has secured an aggregate total of 40 per cent.

TEXT-BOOKS.

I. ENGLISH.

I. *Detailed Poetry* :—

(*a*) Shakespeare—Antony and Cleopatra.

(*b*) Longer English Poems from Spenser to Noyes (Harrap's Modern English Series).

The following selections :—

(1) Milton—Lycidas.
(2) Gray—Elegy Written in a Country Church yard.
(3) Gray—The Bard.
(4) Goldsmith—The Deserted Village.
(5) Wordsworth—Lines composed a few miles above Tintern Abbey.
(6) Tennyson—The Lotos—Eaters.

(*c*) Golden Treasury of Songs and Lyrics: Book Fifth edited by Laurence Binyon, with notes by G.J.H. Fowler (English Classics for India Macmillan & Co.)

The following selections :—

No.
10. Home Thoughts from Abroad. R. Browning.
14. The Lake Isle of Innisfree. W. B. Yeats.
16. Nightingales .. R. Bridges.
17. Tears, idle tears .. Lord Tennyson.
21. The Lady of Shalott ..

79. Mother and Son	.. W. Morris.
85. Omar's Lament	.. E. Fitzgerald.
86. Mimnermus in Church	.. W. Cory.
94. Dreamland	.. C. G. Rossetti.
96. Remembrance	.. E. Bronte.
99. The Darkling Thrush	.. T. Hardy.
102. Requiem	.. R. L. Stevenson.
103. "I strove with none, for none was worth my strife".	W. S. Landor.
104. A Dedication	.. R. Kipling.
105. Requiescat	.. M. Arnold.
106. Crossing the Bar	.. Lord Tennyson.
107. Prospice	.. R. Browning.
109. "No coward soul is mine".	E. Bronte.
110. The Choice	.. D. G. Rossetti.

II. *Detailed Prose*:—

(a) Essays by Modern Writers edited by R. W. Jepson. (The Heritage of Literature Series-Longmans).

The following essays to be studied:—

1. Ichabod: *Max Beerbohm.*
2. On Living Again: *Alpha of the Plough.*
3. Holidays: *C. E. Montague.*
4. In Praise of Mistakes: *Robert Lynd.*
5. Problems of a Journalist's Life: *Rose Macaulay.*
6. The Pleasure of Readings: *Viscount Grey.*
7. Gibbon: *Lytton Strachey.*
8. John Bunyan: *G. M. Trevelyan.*
9. The Duchess of Newcastle: *Virginia Woolf.*

10. Diaries: *William Ralph Inge.*
11. Letter V: *Lowes Dickinson.*
12. The B.B.G.: *Hilaire Belloc.*

(*b*) Gibbon's Autobiography edited by Bernard Groom (English Literature Series) Published by Macmillan & Co.

III. *Non-Detailed*:—

(a) Hardy: The Mayor of Casterbridge (Macmillan) (The College Library edition). .

(b) Galsworthy: Strife (Duckworth—Nelson & Co.)

(c) Everyday Life in Greece and Rome, by H-Λ-Treble and K. M. King bound in one volume published by Oxford University Press.

IV. History of English Literature:—

Outline History of English Literature by W. H. Hudson (G. Bell & Sons; 1930 or later edition).

II(a) Languages.

1. Arabic.

الف ـ نثر ـ (۱) سورهٔ یوسف مکمل

(۲) مقامات الحریری ـ خطبه اور مقامات ۲ ـ ۱۴ ـ ۱۷ ـ ۲۱ ـ ۳۶ ـ ۴۶

(۳) البخلاء للجاحظ تا قصه محمد بن ابی المومل از ابتدا تا صفحه ۹۹ طبع مصر

ب ـ نظم ـ (۱) دیوان الحماسه میں سے مندرجه ذیل ابواب :ـ

باب الحماسه ابتدا سے (۲۰۰) اشعار

باب المراثی ابتدائی (۱۵۰) اشعار

باب النسیب ابتدائی (۱۰۰) اشعار

(۲) معلقات :ـ

(۱) امرؤالقیس ـ

(۲) زهیر ـ

(۳) عنترة ـ

(۳) دیوان المتنبی ـ حسب ذیل چار قصائد :ـ

(۱) فدیناك من ربع وان زدتنا کربا

(۲) اغالب فیك الشوق والشوق اغلب

(۳) عواذل ذات الخال فی حواسد

(۴) کم قتیل کما قتلت شهید

۰ (ج) مطالعه سرسری : العبرات (للمنفلوطی تا ختم مضمون الهاویة)

(د) بلاغت (معانی بیان وبدیع) :۔

* البلاغۃ الواضحۃ (لعلی الجارم و مصطفی امین)

ہدایت ـــ قواعد کے مباحث کو اساتذہ اردو میں سمجھائیں اور
تمرینات کی مشق کرائیں ۔

(ھ) عروض و قافیہ :۔

مجموعۃ الادب للشیخ ناصیف الیازجی ۔ اساتذہ کو چاہئیے کہ
کتاب مجموعۃ الادب کی قسم العروض و القوافی سے طلبہ کو
عروض و قافیہ کی تعلیم دیں ۔

(و) صرف و نحو :۔

* کتاب النحو الواضح فی قواعد اللغۃ العربیۃ للمدارس الثانویۃ
الجزء الاول و الثانی و الثالث

ہدایت ـــ قواعد کے مباحث و تمرینات کو اساتذہ اردو میں سمجھائیں گے ۔

(ز) تاریخ ادب ۔ حسب ذیل کتابوں میں سے کسی ایک کے مطالعہ
کی سفارش کی جاتی ھے :۔

(۱) * تاریخ الادب العربی مصنفہ الاستاذ احمد حسن الزیات

(۲) عربک لٹریچر (ادب عربی) تالیف ایچ ۔ اے ۔ آر ۔ گب
(مطبوعہ جامعۃ آکسفورڈ)

مطالعہ سرسری کا امتحان ترجمہ و قواعد کے ساتھ ہوگا ۔

نوٹ ۔ جن کتب پر نشان (*) ھے وہ مندرجہ ذیل کتب فروشوں سے
دستیاب ہوسکتی ہیں :۔

1. The Arabic Library & Co., Orient Hotel Building, Opp: C. Market, Bombay (3).

2. Abdus Samad & Sons, Sayidwada, Surat.

2. SANSKRIT.

Paper I :

(a) Shakuntala of Kalidasa.
(b) Ishopanishat.
(c) Bana's Kadambari, Prastavana only.
(d) Macdonell's History of Sanskrit Literature, Chapters 11—14 only.

Paper II :

(a) Kiratarjuniya of Bharavi, Cantos I-III.
(b) 'Alamkaradarpana of Dr. Hardatta Sharma.

Paper III :

Apte's Guide to Sanskrit Composition, Chapters I-XX; XXIX and XXX.

3. Persian.

(الف) نظم قدیم دو فرائدفارسی ،،(مرتبهٔ ڈاکٹر محمد نظام الدین صاحب
مطبوعهٔ اعظم اسٹیم پریس حیدرآباد) کے مندرجه ذیل
انتخابات ۔

(۱) قصائد :۔

انوری

(۲) چون وقت صبح چشم جہان سیر شد ز خواب

(۴) ساقی بیا که وقت مئی لعل روشن است

(۸) جرم خورشید چو از حوت درآمد بحمل

ظہیر فاریابی ۔

(۱٦) سپیده دم چو شدم محرم سرای سرور

(۱۹) منم امروز و دلی راندهٔ گیتی بدونیم

(۲۰) گیتی زفردولت فرمانده جہان

سلمان ساوجی ۔

(۲٦) صبح ظفر از مشرق اقبال برآمد

(۲۴) بچشم و غمزه و رخسار و ابروی برد دلبر

قاآنی ۔

(۳۲) تا سلیمان زمان زندان اسکندر گرفت

(۴۰) عیدست و ساقی درقدح صہبا زمینا ریخته

(۲) مثنویات ۔

سکندرنامهٔ نظامی ۔ شاه نامهٔ فردوسی۔ مثنوی
مولانا روم (فرائد فارسی، صفحات ۱۵۱ تا۱۹٦، ۱۹۹ تا ۲۰۱)

(۳) غزلیات :۔

مولانا روم :

(۱) اگر تو عاشق عشقی و عشق راجویا

(۵) هر نفس آواز عشق میرسد از چپ و راست

(۶) چه گوهری که کسی را بکف بهای تو نیست

(۷) آن روح را که عشق حقیقی شعار نیست

(۸) بنمائے رخ که باغ و گلستانم آرزوست

(۹) مرا عقیق تو باید شکر چه سودکند

(۱۱) درخت اگر متحرک بدی به پا و به پر

(۱۳) چه تدبیر اے مسلمانان که من خود را نمی دانم

(۱۴) برخیز تا شراب برطل و سبو خوریم

(۱۵) باروی توز سبزه وگلزار فارغیم

(۱۶) ای عاشقان ای عاشقان هنگام کوچست از جهان

(۱۹) چو بشهر تو رسیدم تو زمن گوشه گزیدی

(۲۰) بعاقبت بریدی و درنهان رفتی

عراق :

(۲۲) ز خواب نرگس مست تو سرگران برخاست

(۲۳) ساز طرب عشق که داند که چه ساز است

(۲۴) درکوی خرابات کسی را که نیاز است

(۲۶) من مست می عشقم هشیار نخواهم شد

(۲۷) نخستین بادہ کاندر جام کردند

(۲۸) جانان حدیث عشقت در داستان نگنجد

(۳۰) خیزید عاشقان نفسی شور و شرکنیم

(۳۱) بردد یار من سحر مست و خراب میروم

(۳۲) در حسن رخ خوبان پیدا همه او دیدم

(۳۵) در صومعه نگنجد رند شراب خانه

(۳٦) ای جمالت برقع ا زرخ نا گهان انداخته

(۳۷) بشرارهٔ قلندر بزن ارحریف مائی

جامی :

(٤۱) یا من بدا جمالك فی کل ما بدا

(٤۲) خدای خیر دهاد آن جوان رعنا را

(٤۳) دیزمز مژه کوکب بی ماه رخت شبها

(٤٦) برکش ای صوفی زسر این خرقهٔ سالوس را

(٤۷) ساقی بیا که دور فلك شد بکام ما

(٤۸) بام بر آ وجلوه ده ماه تمام خویش را

(٤۹) خوبان هزار و از همه مقصود من یکی است

(٥۲) لالهٔ قدح باده وگل شاهد رعنا ست

(٥٤) ترا چو مشك تر از برگ یاسمین خیزد

(٥٥) خیز ساقی کز فروغ صبح شد خاور سفید

(٥٦) زد سحر طائر قدسم ز مسر سدره صفیر

(٥۷) گردش جام که زد صنع ازل برکارش

(٥۸) سبزهٔ شبرنگ و جعد مشکبار خویش بین

(٥۹) هرلحظه جمال خود نوعی دگر آرائی

(٦۰) دل برد ز من قتنه گری عشوه نمائی

(ب) نثر قدیم : سه نثر ظهوری، نثر اول ۔ رقعات ابوالفضل ،
دفتر اول (فرائد فارسی ، ۰طبوعهٔ اعظم اسٹیم پریس
حیدرآباد) کے ۰مندرجه ذیل رقعات :۔

(۲)۔ نامۀحضرت شاهنشاهی بعبداللہ خان اوزبك سپهدار ملك،
توران در جواب

(۳) ـ نامهٔ حضرت شاهنشاهی بشاه عباس تخت نشین کشور ایران

(۴) ـ مفاوضهٔ حضرت شاهنشاهی بدانایان فرنگ

(۵) ـ فرمان حضرت شاهنشاهی بشاه مراد دروقت مراجعت از کشمیر

(۶) ـ فرمان حضرت شاهنشاهی بخانخانان سپه سالار

(۷) ـ فرمان حضرت شاهنشاهی باعظم خان کوکلتاش

(۹) ـ فرمان حضرت شاهنشاهی به شهبازخان کنبو

نثر:ـ مطالعه سرسری

خونبهای ایران ـ جلد اول ـ تالیف علی اصغرخان شریف (مطبوعهٔ طهران)

یا

سیاحت نامهٔ ابراهیم بیگ از ابتدا تا سیاحت طهران (مطبوعهٔ انوار احمدی پریس اله آباد)

(ج) نظم و نثر عصر جدید ایران ـ

" عصر پهلوی"، مرتبهٔ ڈاکٹر نظام الدین صاحب مطبوعهٔ اعظم اسٹیم پریس حیدر آباد دکن

نثر ـ بخش اول ، قسمت دوم مقالات ذیل (ص ۱۰۰ تا ۱۵۲ و ۱۸۰ تا ۲۴۰) :ـ

(۶) ایران نام دوهزار و دو یست ساله ـ عباس مسعودی

(۷) اهمیت صنائع ظریفهٔ ایران ـ ایهم پوپ

(۸) نهضت بانوان ایران وخطابه حسن وثوق الدوله

(۱۱) فرهنگستان ـ ذکاء الملک ، محمد علی فروغی

(۱۲) روز فیروز سوم اسفند ـ مجید موقر

نظم :۔ ''عصر پهلوی ''، بخش دوم' قسمت اول انتخابات ذیل :۔

۳ تا ۸ - ۱۰ - ۱۲ تا ۱۹ - ۲۱ تا ۲۵ - ۲۷ - ۲۸ - ۳۰ تا ۳۵
۳۷ تا ۳۹ - ۴۱ تا ۴۳ - ۴۶ - ۴۸ - ۵۰ -

(د) عروض و بیان و بدیع = حدائقُ البلاغة

(ھ) مختصر تاریخ زبان و ادب ایران

(۱) مختصر تاریخ و جغرافیہ ایران :۔

(۲) قرن زدین اسلام ۔ عربی ادب و عجمیوں کے کارنامے

(۳) فارسی زبان کی بناء اور سامانی دور کا ادب

(۴) غزنوی دور کا ادب

(۵) سلجوقین کے زمانہ کا ادب

(۶) ایلخانی دور کا ادب

(۷) تیموری دور کا ادب

(۸) صفوی و مغلیہ دور کا ادب

(۹) قاچاری دور ۔ مشروطیت

(۱۰) عصر جدید ایران (دور پهلوی)

حسب ذیل کتب کے مطالعہ کی سفارش کی جاتی ھے :۔

(۱) تاریخ ادبیات ایران تالیف دکتر رضازادہ شفق
(مطبوعۂ طهران)

(۲) لیوی پرشین لٹریچر (اکسفورڈ یونیورسٹی پریس)

(۳) اؤٹ لائن آف پرشین لٹریچر ۔ عابد حسن فریدی
(مطبوعۂ رام پرشاد برادرس، آگرہ)

(و) ابتدائی عربی ۔

مجانی الادب ۔ الجزوالاول ۔ الباب الخامس تا الباب السابع ۔
مطبوعۂ بیروت (صفحہ ۴۱ تا ۸۸)

6. URDU.

نثر :۔

الف ۔ برائے مطالعہ تفصیلی ۔

۱۔ حالی ۔ یادگار غالب حصہ اردو (کتاب خانہ انجمن ترقی اردو حیدرآباد)

۲ ۔ آزاد ۔ نیرنگ خیال (,, ,, ,,)

۳۔ چکبست ۔ مضامین چکبست (,, ,, ,,)

۴۔ عابد حسین ۔ پردہ غفلت (,, ,, ,,)

ب ۔ برائے مطالعہ سرسری :۔

۱ ۔ پریم چند ۔ فردوس خیال (مکتبہ ابراہیمیہ حیدرآباد)

۲ ۔ محمد مجیب ۔ دنیا کی کہانی (,, ,, ,,)

ج ۔ تنقید : ۔

۱۔ حالی ۔ مقدمہ شعر و شاعری ۔ (کتاب خانہ انجمن ترقی اردو حیدرآباد)

۲ ۔ ڈاکٹر زور۔ روح تنقید (سب رس کتاب گھر حیدرآباد)

(د) تاریخ زبان و ادب :۔

حسب ذیل کتب کے مطالعہ کی سفارش کی جاتی ہے ٔ:۔

(۱) ڈاکٹر عبدالحق ۔ ہماری زبان (کتاب خانہ انجمن ترقی اردو حیدرآباد)

(۲) ڈاکٹر سدھیشور ورما ۔ آریائی زبانیں (سب رس کتاب گھر حیدرآباد)

(۳) ادارہ ادبیات اردو ۔ تاریخ ادب اردو (,, ,, ,,)

نظم :-

۱ - میرانیس : دوحِ انیس (کتاب خانه انجمن ترقی اردو ۔ حیدرآباد)

۲ - غالب : دیوانِ غالب (بحذف غزلیات مدخله نصاب امتحان
انٹرمیڈیٹ)

۳ - اقبال : بالِ جبریل   (کتاب خانه انجمن ترقی اردوحیدرآباد)

۴ - نسیم : گلزارِنسیم   (۔۔   ۔۔   ۔۔   ۔۔)

۵ - حسرت : انتخاب کلامِ حسرت (جلیل احمد قدوائی ۔ علی گڑھ)

عروض وبیان وبدایع :-

نجم الغنی رامپوری : نجم البلاغت (مکتبه ابراهیمیه ۔ حیدرآباد)

ہندی بھاشا :-

نثر : پریم چند : ست سروج

نظم : رحیم خانخاناں : رحیم رتناولی

7. Marathi.

Paper I.—Prose:—

(1) N. C. Kelkar's Gadyaguchha.

(2) Novel—Asha by Prof. Phadke.

(3) Short Story—Phule ani Dagad by Khande-
    kar.

(4) Bhavabandhana by Gadkari.

Paper II.—Poetry:—

(1) Viratparva by Mukteswar.

(2) Poems by Tambe

Nos. 1, 3, 10, 11, 13, 14, 20, 27, 30, 38
41, 45, 49, 52, 53, 60, 64, 65, 70, 72, 79
81, 82, 88, 90, 101, 107, 109, 110, 116, 117
119, 122, 123, 126, 127, 128, 130, 135, 148
149, 151, 155, 172, 186-190, and 193.

(3) Marathwady-antil Adhunika Vangmaya
    Padya Vibhaga by Prof. C. N. Joshi
    First ten Chapters.

(4) Maharashtra Sarasvata by Bhave, Part 1
    Pages 218 to 360.

(5) Alankar Chandrika by Gore.

III Paper. General.—

Composition, Unseen modern poetry and Preci
writing.

8. Telugu.

Poetry.—Selections in Telugu, B. A. Examination, Vol. I, Madras University Publications.

Vol. I—Nannaya Bhatta—

(*a*) Selections 3, 4, 5 & 6. Pages from 24-42, Lines—564.

(*b*) Tikkana Somayazi. Selection No. 20, pages 218-225, Lines 284.

Vol. II—

(*c*) Selection No. 40, Sita Vana, Vasagamanam by Kankanti Paparaju.

(*d*) Modern Poetry Thrina Kankanam by R. Subba Rao.

Drama:—Uttara Rama Charitam by Malladi Surya Narayana Sastri, Waltair.

Prose:—(1) Paschata Bhava Prapancham by M. V. N. Subbarao, Prak-Prateechi Grandha Mala Rajamandry.

(2) Raghukula Sree Charitam by Chilakamarti L. Narasimham, Rajahamandry.

(3) Cheliyali Katta Sree Vishwanath Satwati Grandha Mala, Rajahamandry.

(4) Jagilamu by S. Subhadrayamba Sarasya Narayana, Bezwada.

History of Literature and Rhetoric—Books recommended:—

(1) Kavya Prakasa by Siromani K. Narasimha Chari Vavilla R. Sastri and Sons, Madras.

(2) Kuvalayananda Saram by Vidwan B. Venkata Rammnayya.

(3) Andhra Kavula Charitra by K. Veerasalingam Pantulu.

9. KANNADA.

Poetry:—

(1) Pampa Bharata: Aswasas 12, 13.
(2) Jagannatha Vijaya. Aswasas 1, 2 & 3.
(3) Kannadada Bavuta, published by Sahitya Parishat.

Following selections:—

Pages 38 to 54 and the following Nos. in the 4th Part. (1-4, 7, 8, 13, 15, 17, 20, 29, 37-42).

Prose:—(1) Jivana Soundarya Mattua Sahitya by D. V. Gundappa.

(2) Sri Ramaswamedha. Aswasas 1 to 8 (including Aswasa 8).

Drama:—Nagananda Nataka by Ananth Narayana Sastry.

Grammar, Rhetoric and Prosody.—Kannada Kaipidi, second edition.

History of Literature.—Kannada Kavicharite, Vol. I —10th, 11th and 18th Century Poets.

The books can be had of:—

Kannada Prakatanalaya
Gowliguda, Hyderabad Dn.

II(b) MATHEMATICS.

Pure Mathematics:—

(1) Higher Algebra by Hall and Knight, (Osmania University Series).

(2) Plane Trigonometry by Loney, Part II. (Osmania University Series).

(3) Co-ordinate Goemetry by Grace and Rosenberg, (Osmania University Series) or Smith's Analytical Conics.

(4) An Elementary Treatise on the Calculus by Gibson, (Osmania University Series).

(5) Chapters on Differential Equations from Edward's Integral Calculus, (Osmania University Series) or Piaggios Differential Equations.

Applied Mathematics:—

(1) Elements of Statics by Loney, (Osmania University Series).

(2) Elements of Dynamics by Loney (Osmania University Series).

(3) Elements of Hydrostatics by Loney, (Osmania University Series).

(4) Elements of Astronomy by Parker, (Osmania University Series).

For detailed syllabus vide Appendix (a).

II(c). HISTORY.

Paper 1.—General Historical Essay.

Paper 2.—History of India:—

(*i*) *Ancient up to* 1206:—

1. Early History of India by V. A. Smith (4th edition).
2. Ancient India by K. S. Aiyangar.
3. A Peep into the Early History of India by R. G. Bhandarkar.
4. Asoka by R. Mukerjee.
5. Harsha by R. Mukerjee.

(*ii*) *Medieval Period* 1206—1765:—

1. Tarikh-i-Farishta.
2. Darbar-i-Akbari (Azad).
3. Sher Shah (Qanungo).
4. Jehangir (Beni Prasad).
5. Aurangzeb (Shibli).
6. Sivaji and His Times (Sarkar).
7. The Army of the Mughals (Irvine).
8. Asaf Jah Nizamul Mulk. I (Dr. Yusuf Husain Khan).

(*iii*) *Modern Period* 1765 *to the present day*:—

1. Political History of India (Malcolm).
2. Making of India (Ramsay Muir).
3. Rise and Expansion of the British Dominions in India (Lyall).
4. Rise and fulfilment of British Power in India (Thomson & Garrat).
5. India under British Crown (B. D. Basu).
6. History of British India under the Company and the Crown (P. E. Roberts).
7. British India (Dodwell).

Paper 3.—

(*a*) *History of the Deccan*:—

(*i*) Ancient up to 1206.

1. Cambridge History of India, Chapters on the History of the Deccan.
2. Early History of the Deccan by R. G. Bhandarkar.

(*ii*) Medieval 1206-1765:—

1. South India and her Muhammadan invaders (Iyengar).
2. Landmarks of the Deccan (Haig).
3. History of the Deccan, Vol. I (Gribble).

(*iii*) Modern—1765 to the present day:—

1. Malcolm's Central India.
2. History of the Mahrattas (Grant Duff). Chapters dealing with the period from 1784—1818.
3. The working of His Exalted Highness the Nizam's Government (Historical & Constitutional aspects). Government Publications.

(*b*) *Cultural History*:—

(*i*) *Ancient upto* 1206:-

1. India, by Grousset, (Chapter I) Or V. A. Smith's "A History of Fine Arts in India" (Chapters II, III and VI.)

2. Asoka by Mukerji.
3. Harsha, by Mukerji.
4. Medieval India, by Yusuf Ali.

(*ii*) *Medieval* 1206—1765:—

    1. India, by Grousset, (Chapter III) or V. A. Smith's "A History of Fine Arts in India" (Chapters II, IX and XV).

    2. Indian Islam, by Titus.

    3. Muslim Architecture in India—Urdu Translation of Ferguson (O. U. Series).

    4. Politics in Pre-Mughal Times, by 1. Topa,

(*iii*) *Modern*—1765 up to the present day:—

    1. Topa: The Growth and Development of National Thought in India.

    2. Farquhar: Modern Religious Movements in India.

3.   انگریزی عہد میں ہندوستانی تمدن کی ترقی

For detailed syllabus vide appendix (b-1).

(*c*) *Constitutional History of Modern India*:—

تاریخ دستور حکومت ہند مولفہ ڈاکٹر یوسف حسین خاں

Paper 4.—

    (1) Islamic History:—

سلاجقہ اعظم

(۱) روضۃ الصفا (حصص متعلقہ)

Finlay's History of Greece (relative   (۲) portions)

Barthold's Turkestan down to Moghal   (۳) Invasion.

Gibbon's Decline & Fall of the Roman   (۴) Empire (relative portions).

(۵) جغرافیہ خلافت مشرقی ۔ مترجمہ محمد جمیل الرحمٰن (سلسلہ جامعہ)

(۶) نظام الملک طوسی۔ مصنفہ عبدالرزاق

(۷) سیاست نامہ نظام الملک طوسی

(2) European History, 1815 to 1914:—

   1. A History of Europe, by Marriot (1815—1923).

   2. A History of Modern Europe, Vols. II and III, by Fyffe. (Osmania University Series).

   3. Contemporary Europe and Overseas by Mowat.

(3) English Constitutional History:—
   Chambers: Constitutional History of England (Osmania University Series).

   Adams: Constitutional History of England.

(4) Cultural History of India:—

   1. Farquhar—Outline of the religious literature in India.

   2. Grousset—India.

   3. Titus—Indian Islam.

   4. Topa.—Growth and Development of National Thought in India.

   5. Macdonnel—India's Past.

   6. A. Chakrabharti—Cultural Fellowship in India.

   7. Jafar's Education in Muslim India.

For detailed syllabus vide appendix (b-2).

Paper 5.—Politics:—

Books recommended:—

Part A—Pollock: History of the Science of Politics, (Osmania University Series).

Part B—Gilchrist—Principles of Political Science.

B. B. Majumdar—Political Science and Government.

Leacock: Elements of Political Science, (Osmania University Series).

Gettel: Elements of Political Science.

Sherwani: مبادى سياسيات مكمل

For detailed syllabus in Politics Vide appendix—b (3).

Paper 6.—Economics or Sociology.

Indian Economics by Prof. Md. Elias Burney. Usul-i-Maashiyat by Prof. Md. Elias Burney (Osmania University Series).

For detailed syllabus in Economics and Sociology vide appendix—b (4) and c (5-ii).

II(d) ECONOMICS.

Paper 1.—Taussig—Principles of Economics, 2 volumes.

Paper 2.—Withers—Meaning money.

Barrett Whale—International Trade.
Prof. Burney's Maishatul Hind—Chaps 11—14.

Paper 3.—Briggs and Jordon—Economic History of England.
C. R. Fay—Great Britain from Adam Smith to the present day.
R. C. Dutt—Economic History of India, 2 Vols.
Moreland—India from Akbar to Aurangzeb.
Moreland—From Akbar to Aurangzeb.
Gadgil—Industrial Revolution of India.

Paper 4.—Jathar and Beri—Indian Economics —Vols. I & II.

Report of the Royal Commission on Agriculture in India.

Text book and syllabuses in Politics and Sociology are the same as prescribed for School of History.

Books recommended for Reference:—

Paper 1.—Marshall—Principles of Economics.

Robbins—The Nature and Significance of Economics Science.

Paper 2.—T. E. Gregory—The Gold standard and its Future.

Report of the Hilton Young Indian Currency Commission, 1926.

Report of the Central Banking Enquiry Committee.

Report of the Hyderabad Banking Enquiry Committee.

Paper 3.—

Knowles—Industrial and Commercial Revolutions in the 19th Century.
Townsend Warner—Landsmark in English Industrial History.

Paper 4. (*a*).—

1. Report of the Maclagan Committee on Co-operation. (Urdu Translation)
2. Charles Gide's Speeches on Co-operation (Urdu Translation)

Paper 5.—E. A. Ross—Principles of Sociology.

Blackmar & Gillen—Outlines of Sociology.

Paper 6.—Report of the Indian Industrial Commission 1918.

Report of the Indian Fiscal Commission.

Report of the Taxation Enquiry Committee.

Report of the Indian Labour Commission.

For detailed syllabus vide appendix (c).

II(e) PHILOSOPHY.

1st Paper.—Nature, Schools and Problem of Philosophy.

Text-Books:

1. F. Paulsen: Introduction to Philosophy.
2. G. W. Cunningham: Problems of Philosophy.
3. Janet and Sealles: History of the Problems of Philosophy.

Books recommended:

1. L. G. Rohrbaugh: A Natural Approach to Philosophy.
2. B. Russell: Problems of Philosophy.
3. R. W. Sellars: The Principles and Problems of Philosophy.
4. E. S. Brightman: Introduction to Philosophy.
5. Robinson: Introduction to Living Philosophy.

2nd Paper.—History of Philosophy—

Text-Books:

1. Weber-perry: History of Philosophy.
2. A. B. D. Alexander: A Short History of Philosophy.
3. A. K. Roger: A Student's History of Philosophy.

Books Recommended:

1. J. B. Burgess: Introductions to the History of Philosophy.

2. E. Zeller: Outlines of Greek Philosophy.

3. Bakewell: Source Book of Ancient Philosophy.

4. Rand: Modern Classical Philosophers.

3rd Paper.—Outline of Islamic Philosophy, Kalam and Sufism.

Books for reference:

1. Ilmul Kalam by Shibli.

2. Alghazzali   do

3. Ibn-i-Rushd Maulvi Mohd. Younus.

4. History of Islamic Philosophy by De Boer (Osmania University Series).

5. 'Arabic Thought by O'Leary.

6. Metaphysics in Persia by Sir Muhammad Iqbal.

7. Hikmat-ul-Ishraq by Shaikh Shahabuddin Suhrawardy (O.U.S.)

8. Maqasid-ul-Falsafa wa Nihayat-ul-Falsafa by Imam Ghazzali.

9. Kashf-ul-Mahjub by Ali Hujweri.

10. Gulshan-i-Raz by Mahmud Shabistri.

11. Portions of Masnawi by Rumi.

12. Mantiq-ut-Tair-Fariduddin Attar.

13. Portions of Fasusul Hikm (Hadiqa Sanai). Ibn Arabi.

4th Paper.—Hindu Philosophy:—

Text-books for intensive reading:—

1. The six systems of Indian Philosophy. (Max Muller).
2. History of Indian Philosophy. (Das Gupta).
3. Indian Philosophy. (Radha Krishna).
4. Philosophy of the Upanishads. (Deussen).
5. History of the Creative Period of Indian Philosophy. (Ranade).
6. Sarva Darshana Samagraha. Cowell (Trubner's series).
7. Bhagvat Gita. (Telang).

Text-books recommended for study:—

1. Studies in early Indian Thought. (Stephen Dejai).
2. Systems of Vedantic Thought and Culture. (Mahandra Nath Sarkar).
3. Pantheism and its value for life. (Urquhart).
4. Positive Sciences of Ancient Hindus (Seal B.N.)
5. Indian Philosophy. (Dayies.)
6. Patanjalies Yoga System. (Woods).
7. Outlines of the Vedanta System. (Deussen.)
8. Hindu Realism. (Chatterji.)
9. The Sankhya System. (A. B. Keith.)
10. Indian Logic. (Keith).

Books to be consulted :—

1. The Thirteen Principal Upanishads. (Hume).

2. Sacred books of the East. (Max Muller). (Upanishads and Brahma Sutras).

3. Sankhya Pravachava Bhashya (Vijnana Bhikshu).

4. Sidhanta Muktavali. (Vatsayana).

5. Vedanta Oaribhasha.

6. Great Religious Teachers of the East (Alfred Martin).

7. Philosophy of Upanishads. (Radha Krishna).

5th Paper.—Psychology :—

Books recommended.

1. R. S. Woodworth.—Psychology :—A study of Mental Life. (Methuen) 10th Edition.

2. G. F. Stout.—A Manual of Psychology (University Tutorial Press) 5th Edition.

3. Bernard Hart.—Psychology of Insanity.

6th Paper.—A brief study of theoretical and practical Ethics :—

Books recommended :—

1. Ethics by Dewey and Tufts.
2. History of Ethics—Sidgwick.
3. History of Ethics—Rogers.
4. Parts of Plato's Republic that are still live issue for modern society.

For detailed syllabus vide appendix (d)

II(f) DOMESTIC SCIENCE.

No book is prescribed for detailed syllabus vide appendix (e)

III. MUSLIM THEOLOGY OR MORALS.

(*a*) Theology (for Hanafi Students) :—

۱ ۔ سورہ بقرہ جو عنوانات مباحث کلامیہ کے لئے متعلق ہیں انکی حسب موقع تفصیل کی جائے ۔

۲ ۔ برائے مطالعہ سرسری :
دین و دانش ۔ مولوی محمود علی صاحب
حکمت اسلامیہ ۔ مولوی عبدالقدیر صاحب

For detailed syllabus vide Appendix (f)

(*b*) Morals (for Non-Hanafis and Non-Muslims).
No. book is prescribed.
For detailed syllabus Vide Appendix (g)

<div dir="rtl">

شعبہ دینیات

(۱) انگریزی و عربی:

حسب نصاب امتحان بی اے شعبہ فنون

(۲) فقہ و اصول فقہ ۔ دو پرچے تین تین گھنٹے کے ہونگے اور ہر
ایک کے ۱۰۰ نشانات ہوں گے:۔

(الف) فقہ ۔ ہدایہ آخرین سے ابواب ذیل:۔

از کتاب البیوع تا ختم کتاب الصرف

از کتاب آداب القاضی تا ختم کتاب الشہادت

از کتاب الدعوی تا ختم کتاب الاقرار

از کتاب الغصب تا ختم کتاب الشفعہ

کتاب القود و کتاب الرہن

(ب) اصول فقہ: مرأۃ الاصول شرح مرقاۃ الوصول

(۳) مندرجہ ذیل مضامین میں سے ایک:۔

الف تفسیر: اس مضمون میں دو پرچے تین تین گھنٹے کے
ہونگے اور ہر ایک کے (۱۰۰) نشانات ہونگے:۔

(۱) بیضاوی شریف (سورہ بقرہ)

(۲) قرآن مجید باستثناء مندرجہ ذیل سورتوں کے:۔

(۱) سورہ بقر

(۲) سورہ نساء

(۳) سورہ قاف تا آخر

ب ۔ حدیث: اس مضمون میں دو پرچے تین تین گھنٹے کے
ہونگے اور ہر ایک کے (۱۰۰) نشانات ہو نگے:۔

ترمذی شریف (کامل)

ج ۔ کلام: اس مضمون میں دو پرچے تین تین گھنٹے کے
ہونگے ۔ پہلا پرچہ کتب مقررہ (۱۰۰) نشانات کا اور

</div>

دوسرا علم کلام کے مضمون پر (۱۰۰) نشانات کا ہرگا۔

(۱) کتاب التوحید امام محمد عبدہ

(۲) حجۃ اللہ البالغہ قسم اول کے ابواب ذیل :۔

خدا کی صفت ۔ ابداع خلق ۔ تدبیر عالم ۔ مثال ملاء اعلیٰ ۔ سنت اللہ ۔ روح کی حقیقت ۔ سر التکالیف ۔ تکلیف کا تقدیر سے نکلنا ۔ پیدائشی اختلاف کی وجہ سے لوگوں کے اخلاق، اعمال، مراتب کا مختلف ہونا ۔ اعمال کی نفس کے ساتھ چسپیدگی اور ان کی یاد داشت نفس میں ۔ اعمال کا ملکات نفسانی سے تعلق ۔ دنیا میں اعمال کی سزا ۔ موت کی حقیقت ۔ سعادت ۔ سعادت کے حاصل کرنے میں لوگ مختلف ہوا کرتے ہیں ۔ حصول سعادت کے طریقے ۔ ان اصول کی توضیح جو دوسرے طریقے کے لئے مدار و مرجع ہیں ۔ ان اصول کے حاصل ہونے کے ذرائع ۔ حجابات کی تفصیل جو فطری امور ظاہر ہونے سے مانع ہوتے ہیں ۔ ان حجابات کے دفع کرنے کے طریقے ۔ نیکی اور گناہ کی حقیقت ۔ توحید ۔ حقیقت شرک ۔ شرک کے اقسام ۔ خدائے تعالیٰ کے صفات ۔ تقدیر ۔ ایمان لا نا کہ عبادت بندوں پر خدائے تعالیٰ کا حق ہے ۔ خدا کے نشانات اور شعائر اللہ کی تنظیم ۔ گناہوں کی خرابیاں ۔ ان گناہوں کی تشریح جو نفس کی حالت سے متعلق ہوتے ہیں ۔ ان گناہوں کی تفصیل جنکا تعلق لوگوں سے ہوتا ہے ۔ مذہبی رہنماؤں کی ضرورت ۔ نبوت کی حقیقت ۔ ایک ایسے مذہب کی ضرورت ہوا کرتی ہے جو اور مذہب کا ناسخ ہو ۔ اسباب نسخ ۔ مذہب کو اس طرح پختہ کرنا کہ اس میں تحریف و رد و بدل نہ ہوسکے ۔ کتب حدیث کے طبقات ۔ مختلف حدیثوں میں فیصلہ ۔ فقہاء کے مذاہب مختلف ہونے کے اسباب ۔

نوٹ :۔ گروپ واری اغراض کے لئے امتحان حسب ذیل گروپوں میں تقسیم کیا جائیگا ۔ بقیہ قواعد مطابق شعبۂ فنون ۔

(۱) انگریزی (۲) عربی (۳) فقہ و مضمون اختیاری

امتحان بی ۔ اے شعبہ دینیات میں حسب ذیل طلبہ شریک ہوسکیں گے ۔

APPENDECIS
Detailed Syllabuses
(a) Pure Mathematics.

Theory of Numbers:—

Prime and composite integers—divisibility of integers periodicity for given modulus—resolution into prime factors—expression of an integer as an integral factorial series—scales of arithmatical notation——perfect numbers—number of integers less than "N" and prime to "N"—Euler's Theorem—F Fermat's Theorem—Lagrange's Theorem.

Algebra:—Determinants—Systems of Linear. Equations—indeterminate equations—theory of equations including symmetric functions of the roots sturm's Theorem—Solutions of the cubic and the diquadrostic equations—Linear transformarions—inequalities—continued fractions—interest and annuitics—simple tests of convergence of series—partial fractions Summation of series.

Coordinate Geometry of two dimentions:—Detailed study of the properties of the conic sections—the general equation of the second degree—Polar equations of conics—theory of plane curves, *viz.*, tracing of curves, curvature, evolutes asymptotes)—Homogenous coordinates.

Coordinate Geometry of three dimensions:— Standard second degree equations—central sections and generators.

Pure Geometry i.e., Projective Geometry.—Cross ratios of ranges and pencils—projective properties and their application to conic sections—perspective—involution—inversion—reciprocation.

Calculus and Analysis (real variable):— Dedikinds theory of irrational numbers—limits—continuity—differentiation—Taylor's theorem and expansion in series—Riemann integral for a continuous

equations including functions of the roots function—rectification—quadrature—volumes and surfaces of solids of revolution—Geometrical and physical applications of the definite integral.

Functions of two variables:—limits—continuity —differentiation—Taylor's Theorems maxima and Minima—envolopes—the double integral and its applications.

Complex Variable:—Elementary functions of a complex variable—complex differentiation and integration—conformal representation (excluding Riemann's theorem); positive series—Ordinary tests of Convergence—absolute and uniform convergence of infinite series and infinite products (fundamental ideas only).

Differential equations:—Elementary methods of solutions for the first and second order ordinary differential equations—singular solution—linear equations with sonstant coefficients—homogeneous linear equations—Simultaneous equations—solution in series—approximate solution—Lagrange's partial differential equation of first order—equations of heat, sound, waves, and potential.

APPLIED MATHEMATICS.

Mechanics:—Resolution—Composition—Scalars and Voctors—Multiplication of vectors in two dimensions. Free motion of a particle in a straight line and on a plane—constrained motion of a particle in a st. line—resisted motion of a particle on a plane—motion of a system of particles in a plane—motion of a rigid body about an axis.

Equilibrium of forces in two and three dimensions—virtual work—graphical statics—laws of friction—equilibrium of chains and strings in two dimensions.

Centre of pressure—resultant pressure—equilibrium of floating bodies—Stability and meta-centre (Standard nearly the same as that of Lamb's Statics and Dynamics).

Astronomy:—Fundamental notions of spherical trigonometry—Explanation of the apparent motion of the celestial bodies—Celestial coordinates—astronomical instruments—the solar system—Kepler's Laws of planetary motion—equation of time—conversion of time—motion of the Moon and its phases—Eclipses of the Sun and the Moon—Astronomical dip, refraction, parallax, aberration, precession and nutation—latitude and longitude of a place—rotation of the Sun and the planets about their axes.

Surface of the Sub-Solar Corona and the prominances—Proper motions of the Stars—Star Cluster—galactic and extra-galactic nebulae—Star magnitudes.

Probability and Statistics:—The probability of an event—the probability of several independent events happening together—expectation—Probable value—Frequency distribution—histogram—arithmetic mean—Standard deviation—Probable error.

(b) HISTORY.

(I) *Paper 3.—(b) Elements of the Cultural History of India.*

(*i*) *Ancient up to* 1206.

Introduction to Aryan Civilization.

Kautilya and his Socio-Political Philosophy.

Asoka. Originator of a new ideal for the Government; Preacher of new ethical values for the society and popular educator.

Earliest Budhist Art: Maurya and Sunga.

Gupta Period: Drama and Art.

Harsha—Cultural contacts between Islamic and Indian Culture. India's Social, Intellectual and Religious life in the 7th Century.

(*ii*) *Medieval Period* 1206—1765.

Early Contacts between Islamic and Indian Culture.

Peaceful penetration of Islam in India and Muslim Colonies.

The rise of the Muslim power in India and its nature and significance.

Social movements and salient features of the fusion of cultures: Hindu and Islamic.

History of the Muslim Art—Architecture and Painting.

(*iii*) *Modern Period* 1765 *to the present day.*

Rise of British Power in India and its effect on India.

Attempts at the Westernisation of India: The spread of Political Ideas and the introduction of Western Education.

Social movements and their significance.

The Growth and Development of Indian Nationalism.

(2) *Paper* 4.—(4) History of Indian Culture.

Brief Outline of Pre-Aryan Civilisation.

Aryan Civilisation: Its Social, Political, Religious and Economic Aspects.

Age of Religious Struggle and its significance.

Mauryan: Political and Social Ideas and Ideals.

Origin of Indian Drama and the value of Gupta Art.

Brief Survey of the religious and social conditions in India in the 7th Century.

Intellectual and Religious Contacts between India and the Islamic Countries.

Peaceful Penetration of Islam in India.

The rise of the Muslim Political Power in India and its nature and significance.

Social Movements and salient features of the fusion of cultures: Hindu and Islamic.

Short History of the Muslim Art—Architecture and Painting.

Contact of the Eastern and Western Civilisations.

(3) *Paper* 5.—Politics:—

I. Scope of Political Science and its relation to other social sciences. The State and its relation to cognate organisations.

II. The State—Origin, extent and organization forces. Sovereignty, Law, Rights, Liberty.

III. Scope of Governmental Action—Industrialism: Socialism. Recent tendencies —Collectivism: Communism: Bolshevism: Totalitarianism. Growing Identity of Economics and Politics.

IV. Governmental Organs—Doctrine of Separation of Powers. Kinds of Govern-

ments—The Aristotelian Divisions:
Unitary State, Confederation, Federa-
tion, Constitution: Written and Un-
written.

V. Central Government—The Legislature
and the Electorate: Direct Democracy:
Party System. The Executive: Dicta-
torship: The Civil Service. The Judi-
ciary.

VI. Local Government.

B.—The whole course on Government will be based
upon a comparison of various countries prin-
cipally England, France, U.S.A., Canada
and India.

VII. Imperial Government—Spheres of Influ-
ence, Protectorates: Colonies; Domi-
nions; India.

VIII. International Law, Mandates.

) *Paper* 6.—General Economics:—

Introductory.—Subject matter of the Science
l its definition. The divisions of the Science and
ir inter-dependence. Definition of wealth, capi-
, land, labour, utility, value and price.

Land.—Qualities and characteristics. Its differ-
e from capital. The law of diminishing returns.
nd improvements. Land values and Economic
ɔgress.

Labour—Distinctive qualities. Skilled and un-
lled labour. Productive and unproductive labour.
ɩe division of labour. Conditions of efficiency.
ɔbility of labour. The Law of population.

Capital.—Qualities, Conditions of accumulation.

Production.—The three agents and the extent to which they are needed. Production on a large and small scale. The Employer. Machinery. Principle of substitution: Localisation of industry. Law of increasing returns. Law of constant returns.

Consumption.—Wants. Interdependence with activities. Necessaries and Luxuries. Diminishing utility. Consumer's surplus. Elasticity of demand. Fashion and custom.

Exchange.—Definition and criteria of a market. Demand and supply. Marginal supply and demand. Prices. Equilibrium of demand and supply. Influence of time. Wholesale and retail prices. Dealers and Speculators.

Distribution.—Analysis of interest, profits, rent, and wages. Gross, and net interest. Normal rate of interest and the changes in it. Interest paid by agriculturists. The Classical Theory of rent. Its application to Indian conditions. Relation of rents to prices. Limitation of rents by Legislation. Real and nominal wages. Net advantages. Normal rate of wages. Changes in normal wages. Effect of a rise in wages. Earnings of specified occupations. Earnings of Management. The National dividend.

INDIAN ECONOMICS.

Introductory.—Natural environments and how they moulded economic life in India. Special features of Indian Sociology and its connection with Indian Economics.

Production.—Special features of the factors of production in India. The condition of agriculture and means of its improvement. Forest, Mines, Indian animals; their economic importance. Manufactures in India, causes of their decay, suggestions for improvement. The place of foreign capital in

the development of Indian industries. Large scale versus small scale production. The Industrial Revolution. Factory labour. The beginning of the Labour problem.

Distribution.—Theory of distribution and its applicability to Indian conditions. Rent, Agricultural rents and Mining rents. Wages, connection between prices and wages. Interest, Bank rates. The Money-lender. Need of credit. Co-operative credit.

Exchange.—Currency, history of rupee, paper currency system, gold exchange standard, gold standand reserve. Home charges, council bills and reserve council. Advantages and weakness of the Indian Monetary system. Rate of Exchange. The nature and causes of the difficulties experienced during and after the War. Banking. Short history of the growth of Banking in India. Various classes of banks and their business. The Imperial Bank of India.

Consumption.—The standard of life. Effects of Consumption on Porduction. The necessary reforms.

Taxation.—Principles of Taxation.—Direct and Indirect taxation. The Indian Financial System. The Budget and the Annual Financial Statement. lic loans.

The State and Economics.—The Land Revenue system, zamindari and raiyatwari tenures. Tenancy legislation. 'Famines—causes and effects, measures for prevention. The Co-operative movement in India: its benefits, its progress. Railways; history of their development; their present position and future prospects; the problem of State versus private railways; the bearing of railway policy on the indigenous

industries of the country. Irrigation; present condition; major and minor works; productive works; prospects of future development. The State in relation to industry. Free trade and Protection. India and Imperial preference. The effects of war on the various phases of economical life in India.

(c) ECONOMICS.

Paper 1.—Principles of Economics.

Introduction:—The Nature of Economic Phenomena. The significance of Economic Science. General conditions of Economic activity. Methods of Economic analysis.

Wants and their satisfaction:—A general view of Consumption. Law of diminishing utility. Variation in the intensity of demand. Influences affecting demand. Distribution of means between gratification of different wants. The concept of consumer's surplus.

Production:—Fundamental conditions of the wealth of society. Agents of production and their classification. Land and natural resources. The number and quality of the people. Theory of population. Supply of labour and the Iron Law of Wages. The Nature of Capital. Direct and Indirect production. Business organisation. Specialization of labour and land. Large Scale Production. External and Internal Economics. The Laws of Increasing and Decreasing Returns.

Exchange:—Relation of Production and Exchange. The more important theories of value. Laws of supply and demand. Marginal utility and marginal cost. Value during long and short period; the concept of normal value. Joint and composite demand; Joint and composite supply. Value under Monopoly.

Distribution:—General theory of Distribution. Theories of Wages, Interest, Profit and Rent.

History of Economic Thoughts A brief view of the more important schools of Economists.

Paper 2.—Currency, Banking, Foreign exchange and Public Finance

The nature and functions of money. The value of money. The quantity theory of money. Currency System. the question of the Standard. Banks and their functions. Brief history of present position of Indian Currency and Banking. Theory of International values. Foreign Exchanges and equation of international indebtedness. India's Foreign Trade. Balance of trade and balance of account. Credit and Debit items in India's balance sheet. Examination of the "Drain" theory.

Currency and Banking in Hyderabad.

(*b*) Public Finance, Economic functions of States. Public expenditure. Source of public revenue. General principles of Taxation, kinds of taxes. General structure of Indian Public Finance. Financial relations between the Central and Provincial Governments. Central Finance. Heads of Revenue and expenditure. Central (general) Budget. Railway Budget. Financial arrangements under the Federation. Provincial Finance: Heads of Revenue and Expenditure. Local Finance: inadequate resources of local bodies: its causes and means of improvement. Public expenditure in general and its criticism. The question of the burden of taxation.

The Revenue and Expenditure of Hyderabad State.

Paper 3.—Economic History.

    (*a*) Economic History of England, since the Industrial Revolution (1914).

<div align="center">

Or

</div>

    (*b*) Economic History of India from the death of Akbar to the end of the 19th Century.

The course will proceed on the following lines:—

    (1) England on the eve of, and during, the Industrial Revolution.

    (2) The Problems to which the revolution gave rise and their treatment, *e.g.,* Trade Unionism, Factory Legislation, Poor Relief, Free Trade, Colonial Policy, etc.

Paper 4.—

Agricultural Economics and Co-operation.

    (1) Economic problems of Agriculture in India. (Throughout this Course reference will also be made to the conditions in Hyderabad). Definition of Agriculture. Importance of Agriculture in Man's Economic Life. Special significance of Agriculture in Indian Economy. Present stage of Agriculture in India. Factors affecting Crop-production. Preservation of soil; the problem of soil erosion and of water-logging. Causes of the absence of the use of manures. Irrigation: the various methods of irrigation and their extent; the future of irrigation. The sub-division and fragmentation of agricultural land: the extent and causes of this evil and remedies for the future. Improvement of the quality of crops and the popularisation of improved varieties. The problem of Seed distribution. Protection of crops; internal and external. Motive power for agriculture. Importance of cattle in the agricultural economy of India and their present deplorable condition, its cause and

remedies. Better feeding and the breeding of better species. Diseases of cattle and veterinary arrangements. Breeding of cattle for Dairy purposes, present condition of Dairy industry, use of improved implements and machinery. The marketing of agricultural produce. The present defective methods of marketing and their injurious effect on the cultivator. Establishment of Regulated Markets. The Finance of Agriculture: Problem of Rural indebtedness; its causes and cures. Legislation as a means of removing rural indebtedness. Land-tenures and their influence on agricultural prosperity. Land Revenue policy of Government, its bearing on the financial condition of the cultivators: The movement of Rural Reconstruction: its aims and method. Improving the social and intellectual as well as the economic environment of the villager.

(2) *Co-operation in India*:—What is co-operation? Co-operation and its alternatives. The objects of a Co-operative Society. Some outstanding achievements of the movements outside India; origin and development of Co-operation in India. Land marks in the history of Co-operation in India. Analysis of the present situation; the financial and administrative structure of the movement. Primary societies and their classification. The Central Banks, the Provincial Banks and the Unions. The All India Co-operative Institutes Association. Land Mortgage Banks, their present condition and future prospects; the law and practice of Co-operation. Co-operative bookkeeping; The origin, development and present position of the movement in Hyderabad.

Paper 5. (*i*)—Politics—See History Paper 5. appendix—b (3)

Or

(*ii*) SOCIOLOGY.

Introduction: Subject matter of Sociology, its definitions and interdependent relations with other

social Sciences. The scope of Sociology, its sub-divisions. The method of Sociology, Advantages of studying Sociology.

Structure and basis of Sociology:—Various conceptions of, and different kinds of society. The meaning of Society. Individual and the family, Groups (the clan, the tribe, the race and the nation). Theory of popualtion. Under-population and over-population. Solution of the population problems.

The Nature of Society: Human Nature. The individual and the group Mind.

Socialization: Social processes (Influenced by factors like climate, Resources, Environment, occupation) Socializing factors. Imitation, Sympathy, Vanity, Adaptation.

Individualization: Causes of differentiation, conflict of interest. Opposition, class-struggle. Commercialization. (Slavery and Serfdom). Subjection of Women. (Castes and Races).

Cocial Reconstruction: Social interactions. Cross fertilisation of culture. Interprovincialism and In-

History: Social Philosophy. Social Psychology. A brief survey of the development at Sociology.

Paper 6.—Trade, Industry and Transport Problem of India.

Industries and Trade: present position of Industries in India. Causes of the industrial downfall, Scope for the development of new Industries. India's Industrial resources. Means of bringing about Industrial Revival. Fiscal policy of India. The problem of Free-trade versus Protection. Discriminate protection and its guiding principles. Imperial Prefer-

ence: its objects and limitations. Technical & Vocational education. Stores purchases policy. Activities of the Provincial Department of Industries. Appearance of Labour Problems in India. Factory Legislation: its history and present position. Workmen's compensation. Trade Unionism: the condition of Transport: Railways, their recent history and present policy. Roads versus Railways. The condition of water transport. Problems of Indian shipping. Cottage Industries: their present condition and future prospects.

Trade of India: external and internal. The character and direction of India's sea-borne trade. Coastal and Inland trade. Principal trade centres of India. Commercial intelligence and trade organisation.

<div align="center">(d) PHILOSOPHY.</div>

<div align="center">*Paper* 1: Problems of Philosophy.—</div>

I..Introductory :—

Preliminary Definition.
Poetry and Philosophy.
Philosophy and Science.
Philosophy and Religion.
The Values and Difficulties of Philosophy.
Method in Philosophy.—

    (1) Rationalistic or D e d u c t i v e (Descarates, Spinoza)

    (2) Scientific or Inductive—

        (a) Experimental (pragmatists: James; Dewey.

        (b) Analytic (Neo-Realists; Russell, Spaulding).

    (3) Romantic or Intuitive. (Mystics, Bergson).

II..Cosmological Inquiries:

   (1) The Cosmos, Space, Time.

   (2) The Nature and Origin of Life

            Mechanism.

            Vitalism.

            Emergent Evolution.

   (3) The Philosophy of Evolution.

   (4) Is the World Purposive.

   (5) The Problem of God.

   (6) The Problem of Evil—Pessimism.

III. Ontological Inquiries:

   (1) Monism:

       (1) Materialism ʿ

       (2) *Spiritualism or Idealism*:

           (a) Platonic Idealism.

           (b) Subjective Idealism.

           (c) Idealism of Leibnitz.

           (d) Panpsychism.

           (e) Voluntaristic Idealism.

           (f) Idealism of Kant.

           (g) Absolute Idealism.

           (h) Personalism.

       (3) Daulism.

       (3) Pluralism.

IV. Epistimological Inquiries:

   (1) The sources of knowledge.

       (a) Rationalism.—

           (i) Metaphysical Rationalism (Plato-Hegel).

           (ii) Mathematical Rationalism (Descartes-Spinazo).

           (iii) Formalistic Rationalism (Kant).

    (b) Empericism.

(2) The Validity of Knowledge—as seen from the standpoint of Realism and Idealism.

(3) The Criteria of Knowledge.—

    (a) The Correspondence Theory of Truth.
    (b) The Coherence Theory of Truth.
    (c) The Utility Theory of Truth or Pragnatism.
    (d) The Interpretation Theory of Truth.
    (e) The Communal Character of Truth.

Paper 2: *History of Philosophy.*

Introduction:

History of Philosophy.
Science, Philosophy and Religion.
General Classification:—

    (a) The 3 general periods of the History of Philosophy.
    (b) The comparative length of the 3 general periods.
    (c) The real differences of the 3 general periods.

II Greek Philosophy.

The Cosmological Period: The philosophy of Nature.

  1. Origin and development of Early Greek Thought.

  2. Problem of substance..Thales
                             Anaximander
                             Anaximenes.

  3. Problem of Number ..Pythagoras and his
                             School.
                             Pythagorean Number
                             —Theory.

  4. Problem of Change ..Heraclitus.

School of Elea ..Theology (Zenophanes).

Ontology (Parmenides).

Dialectics (Zeno and Melissus).

5. Explanation of Change .Solution of the Riddle.

Empedocles.

Anaxagiras.

Atomists.

The Anthropholgical Period: The Philosophy of Man.

6. Age of the Sophists.

Greek Enlightenment.

Sophists.

Significance of Sophistry.

The Philosophy of the Sophists—

(a) The Relativism of Protagoras.

(b) Nihilism of Gorgias.

7. Socrates: Problem of Truth.

Socratic Method.

Ethics.

8. The Semi-Socratics.—The Cynics.

The Cyrenaics

The Megarics.

The Systematic Period.

9. Plato—Plato and his Problem.

The Theory of Knowledge.

Dialectics or the Theory of Ideas

Physics or the Theory of Existence

(a). The Doctrine of the World.

(b) The Doctrine of Human Soul.

Ethics.

Politics.

View upon Art.

Plato's Historical Position.

Rationalism.

18. Rene Descartes:—

    (a) The Preparation for Philosophy: Universal Doubt.

    (b) The Implication of Doubt: My Own existence.

    (c) The inference from my own existence: The existence of God.

        Ontological Argument for the existence of God.

    (d) The Inference from the existence of God: The existence of corporeal bodies of finite selves.

    (e) Descartes' summary of his teaching: The Substance Doctrine.

        One absolutely independent substance, God, created substances of two sorts, minds and bodies.

19. Baruch Spinoza:

    (a) Universal substance—God

    (b) Attributes of God.

    (c) Doctrine of Modes.

    (d) Theory of Knowledge.

    (e) Ethics and Politics.

20. Gottfried Wilhelm Leibnitz:

    (a) Place in Philosophy.

    (b) Mataphysics: The Monadology.

    (c) Theology: The Best of Possible Worlds.

    (d) Epistemology: All Knowledge is Innate.

Empiricism.

21. John Locke:—

    (a) The Problem.

    Origin of Knowledge.

    (c) Nature and Validity of Knowledge.

    (d) Limits of Knowledge.

22. George Berkeley:

    (a) Doctrine of the Reality of the Immediately known: Myself and my ideas.

    (b) Negative Doctrine: The Disproof of the existence of Matter.

    (c) Positive Doctrine of Inferred Reality:

        (i) God.

        (ii) Created spirits.

        (iii) The World of Nature.

23. David Hume:

    (1) The Foundation Principles of Hume's Metaphysics.—

    (a) The derivation of idea from impression.

    (b) The Doctrine of Causality.

        (1) The conception of causality as a customary, not a necessary connection.

        (2) The conception of power as a determination of the mind.

    (2) Hume's Doctrine of Self.

Hume's Teaching about God.

24. Immanuel Kant:

    (1) Problem of Kant.

    (2) Problem of Knowledge.

    (3) Theory of Sense--Perception (Transcendental Aesthetics).

    (4) Theory of the Understanding (Transcendental Analytic).

(5) Validity of Judgments.

(6) The Doctrine of the Real Self as un-
known.

(8) The Doctrine of God as Unknown.

(9) Practical use of Reason and Moral The-
ology.

(10) Ethics.

فلسفۂ اسلام :Paper 3

فلسفہ اور اسلام میں فرق اور تعلق ۔ فلسفہ اسلام کے چار
شعبے (الف) کلام (ب) مشائیت (ج) تصوف (د) خالص
اسلامی فلسفہ یا فلسفۂ قرآن ۔

(الف) علم کلام

کلام کی وجہ تسمیہ ۔ اس کی پیدائش ۔ اعتزال کی ابتداء ۔
معتزلہ کا اپنے کو اہل عدل و توحید کہنا ۔ اعتزال کے خاص خاص
مسائل (۱) ذات وصفات (۲) جبر و قدر (۳) رویت باری
(۴) خلق قرآن (۵) کفایت عقل یعنی خدا اور خیر کے علم کے
لئے عقل کا کافی ہونا ۔

رجالِ اعتزال ۔ واصل ابن عطاء ۔ ابوالہذیل ۔ نظام ۔ معمر ابن
عباد کے مختصر حالات و خیالات ۔

اشعریت ۔ اس کے بانی امام ابوالحسن اشعری کے مختصر
حالات و خیالات ۔ اشاعرہ کے خاص خاص مسائل اور معتزلہ سے
ان کے اختلافات (۱) ذات و صفات کی عینیت اور غیریت (۲)
جبر و قدر کے مسئلہ میں کسب کا نظریہ (۳) اثبات رویت باری تعالی
(۴) قرآن غیر مخلوق ہے (۵) عقل ناکافی اور نقل کی تابع ہے۔
اشعریت کی تکمیل امام باقلانی اور پھر امام غزالی کے ہاتھوں ۔

(ب) مشائیت

عربی مصنفین فلسفہ و فلاسفہ کی خاص اصطلاح سے کیا مراد لیتے ہیں ۔ یونان کا فلسفہ مسلمانوں میں کب اور کس راہ سے پہنچا ۔ اس کے متعلق مسلمانوں میں کیا غلط فہمیان اور غلط مبحث پیدا ہوا ۔ مشائیت کی اصطلاح کا خاص مفہوم ۔ اس میں اور اشراقیت میں فرق ۔

۱ ۔ کندی ۔ یہ عرب کا پہلا اور آخری فلسفی ہے ۔ یہ فلسفی سے زیادہ مترجم فلسفہ ہے ۔ اس کے دل میں یونان اور یونانیوں کی عظمت ۔ اس پر معتزلہ کا اثر ۔ جان اسکوٹس ایر یجنا سے اسکی معاصرت اور عقل و نقل کے تعلق میں دونوں کا توافق ۔ اس کا خاص اثر نفسیات و طبعیات پر اور ان میں اسکے خیالات کا خلاصہ ۔

۲ ۔ فارابی ۔ معلم ثانی کا لقب ۔ ارسطو کے فلسفہ سے متعلق اسی کے کارناموں کی اہمیت ۔ اسکی تصنیفات ۔ ارسطو و فلاطون کی تطبیق و توفیق اور پھر دونوں کی قرآن سے تطبیق کا نظریہ ۔ ارسطو کی اخلاقیات پر اسکی توجہ ٗ اس کا نظریہ سیاست ۔ نظریہ تعلیل اور اوسی سے اثبات خدا ۔ نظریہ روح و نفس ۔ منطق کی اہمیت ۔ اسکو صرف آلی علم نہ قرار دینا بلکہ فلسفہ کی مستقل شاخ قرار دینا اور اسی پر مابعد الطبیعیات کو مبنی ٹھیرانا ۔ اس کی اشراقیت ۔ حقائق اشیا یا اعیان کے علم کی نفی اور اس میں کانٹ کی پیش روی ۔

۳ ۔ ابن سینا ۔ اسکے مختصر حالات ۔ تصنیفات ۔ اسکے اور فارابی کے تعلق کا ارسطو اور افلاطون کے تعلق سے مقابلہ و موازنہ ۔ منطق میں قیاس کے ساتھہ استقرا کے مباحث ۔ کلیات کا وجود ذہنی ۔ الہیات کا موضوع و مباحث وجود کی تعریف و تحدید کی

نفی ۔ واجب و ممکن کی تقسیم ۔ اعراض و جواہر کی تقسیم ۔ حقیقت جسم ممکنات سے واجب الوجود کا استنباط و استدلال ۔ خدا کی توجیہ و قدرت کا یہ تصور کہ '' الواحد لا یصدر منہ الا الواحد ،، ۔ ہیولی و صورت کے مباحث۔نفس و روح۔نفس نباتی۔نفس حیوانی اور نفس ناطقہ ان کے علمی و عملی قوی ا ۔

۴ ۔ ابن رشد ۔ مسلمانون میں مشرقی و مغربی فلسفہ کی تقسیم اور ابن رشد کا شمار کا بر مغربی فلاسفہ میں۔ دیگر مغربی فلاسفہ میں ابن باجہ و ابن طفیل سے اس کا مقابلہ و موازنہ ۔ ابن سینا و ابن رشد میں فرق و تعلق ۔ ارسطو کے عقلی فلسفہ کے متعلق اس کا غیر فلسفیانہ غلو ـ خصوصاً اسی کی منطق کے ناقابل ہونے کا دعوی۔ نظریہ تعلیل و انکار معجزات ۔ انفرادی روح کی فنا ئیت ۔ عقل و نقل یا فلسفہ و مذہب میں تعلق ۔ حسن و قبح یا خیر و شر کی عقلیت ۔ امام غزالی سے اسکی غیر معمولی مخالفت ۔ یورپ میں اسکی غیر معمولی مقبولیت اور اسکے اسباب ۔ خصوصاً موجودہ یورپی ذہنیت کے ساتھ حریت نسوان وغیرہ کے مسائل میں حیرت انگیز تشابہ ۔

(ج) تصوف

۱ ۔ اصطلاح تصوف کی اصل و تحقیق ۔ تصوف کا فلسفہ اور خصوصاً فلسفہ اشراقیت و فلاطونیت سے مقابلہ و موازنہ ۔ اسلامی تصوف کی بنیاد ۔ کتاب و سنت ۔ صوفیانہ زندگی اور رہبانیت ۔ عملی و نظری تصوف ۔ عملی یا تجربی تصوف کا منشاء و مفہوم ۔ نظری یا فلسفیانہ تصوف۔ مسلمانون میں ابتداء نظریات تصوف میں

عشق ومحبت ۔ اصل ووحدة الوجود پر بحث ۔ توحید ذات ۔ توحید صفات و توحید افعال کی تفریق و تفصیل ۔ وحدة الوجود کے قائل ہونے کے با وجود محققین صوفیا نے خالق و مخلوق عبد ومعبودکی قرآنی تعلیمات غیریت کوکس طرح محفوظ رکھا ہے ۔

۲ ۔ امام غزالی کے مختصر حالات ۔ فلسفہ ۔ کلام اور تصوف پر ان کے اثرات ۔

(د) فلسفۂ قرآن

قرآن و فلسفہ میں فرق و تعلق ۔ قرآن کا نظریہ علم و وحی ۔ نظریۂ تخلیق ۔ تخلیق آدم اور انسان کا مقام ۔ کفر و ایمان ۔ شرک و توحید ۔ ایمان و عمل کا تعلق ۔ نبوت ورسالت کی حقیقت ۔ اس پر ایمان کا لزوم ۔ وحدت ادیان ۔ ختم نبوت ۔ نظریہ آخرت یا جزا وسزا ۔ تصور جنت وجہنم ۔ نظریۂ سیاست ۔

کتب مطالعۃ :۔ اوبری عربک تھاٹ ۔ الغزالی و الکلام شبلی لطفی جمعہ ۔ تاریخ فلسفہ اسلام دا بویر ۔ سیرت النبی جلد ہم ۔ عبقات ۔ حجتہ اللہ البالغہ ۔ مباحث مشرقیہ امام رازی ۔ مطالع الانوار الہیات ونبوات شرح مقاصد ۔

(Contd.)

Paper 4: *Indian Philosophy* :—

1. The Philosophical implications of Vedic religion.

   (*a*) The sense of the one in the many.

   (*b*) The question of monotheism and Pantheism.

   (*c*) Cosmology.

2. Philosophy of the Upanishads.

   (*a*) Concepts of Atman and Brahman.

   (*b*) Law of Karma.

   (*c*) Ethics and theory of knowledge in the Upanishads.

   (*d*) Beginnings of Sankhya, Yogo and other systems.

   (*e*) Idealism and Realism.

3. Early systems of Religious Philosophy. Gita—its doctrines.

4. Systems of Philosophy—Darshanas.

   (*a*) Charvaka.

   (*b*) Buddhistic systems.

      1. Doctrine of Truth and Error.

      2. Theory of Being, Dialectic.

      3. Ethical disciplines.

      4. Philosophical standpoints.

   (*c*) The Nyaya—Vaisheshika.

      1. Epistemology and Logic.

      2. Theory of Reality.

      3. Theory of Causation.

4. The automatic theory—Arambha Vada.

5. Psychology.

6. The proof of existence of Soul and God.

7. Apaverga and its means.

(d) Sankhya—Yoga.

1. Classification and analysis of the Pramanas.

2. Theory of Reality, Evolution and Involution.

   Pursha and Prakriti.

3. Sat Karya Vada.

4. Psychology—Parinama Veda.

5. Practical philosophy.

6. The Individual and the World.

7. The question of Idealism or Realism.

8. The concept of Ishwara.

(e) Purva Mimansa.

1. The Doctrine of Atman.

2. Realism and Conceptualism.

3. Different views of Mukti.

(f) Uttra Mimansa (Advaita).

1. Theory of knowledge, logic and dialecties.

2. Brahma—Maya and Avidya.

3. Theories of Creation—Viverta and Parinama.

4. Ethical standard—Self Realisation, Nishkama Karma.

5. Steps of Realisation.

6. Mukti.

7. Saguna Brahma and Nirguna Brahma.

8. Other Development.

(a) Vishistadvaita.

(b) Dvaita.

(c) Shudhadvaita, etc.

Paper 5 : *Psychology* :—

I. The subject—matter.—The problem, scope and methods of Psychology; the relation of psychology to Physiology, Social Science, Logic and Ethics.

II. The structure and functions of the Nervous system. The Body-Mind Problem, Psychological Hypothesis.

III. Sensation.—The sense organs. Elementary Sensations; Blends and Patterns. Stimulus. General Characteristics of sensations. Cutaneous, Kinaesthetic, Gustatory and Olfactory sensations. Auditory and visual sensations.

IV. Attention.—The Motor Response in attending. The shifting of Attention. What attracts attention. Sustained Attention and Distraction. Effort in attention. Selectivity of Attention and conditions determining selection. Span of attention. Attention and perception.

V. Perception.—Fundamental characteristics of perception. Figure and Ground. The Span of Apprehension. Signs and Meanings

instincts. Instinct and Intelligence. Conflict of Motives, the State of Indecision, the process of Decision. Will.

XII. Personality.—The development of Personality. Factors in Personality. Personality. Types. Integration and Disintegration of Personality. The Unconcious.

XIII. Practical Applications of Psychology.—Intelligence Tests. Maladjustment and Psychotheray. Industrial Psychology.

Paper 6: ETHICS.:—

(Theoretical).

Scope and Method of Ethics

Ethics a Normative Science

Determination of the concept of the good.

The Psychological basis of conduct and normal judgements

Inslinct, Emotion, sentiment, Volition

The Relativity of moral judgement

The search for the absolute judgements

Main Ethical Theories.

(a) Hedonism (b) Rudaemonism (c) Utilitarianism (d) Self realisation (e) Evilutionary ethics (f) Ethics of duty (g) Intuitionism.

Applied.

Rights and Duties and their Correlation

Rights of the Individual

Rights of Society and the State

Social Justice

Equlitarian Society

Totalitarian Society

Cioperation and competition

Function if the State

Nationalism and Internationalism

War   and   Peace

The Institution of property

The institution of marriage

The purpos of Punishment

• (e) DOMESTIC SCIENCE.

Home Economics.

I. Home Management.   II. Home Technology.

1. Bio-Chemistry.   1. Mothercraft.

2. Dietetics and Food   2. Bacteriology, Sanita-
   Bacteriology.   tion Science and Hy-
                             giene.

3. Problems of Adjust-
ment in family and
home.

4. Textile. Laundry
Bleaching and Dye-
ing.

5. Technology of Cooke-
ry.

3. Interior Decoration.

4. Purchasing of
House-hold equip-
ments.

5. Psychology. Mainly
Child Psychology.

6. House-hold and So-
cial Economics.

7. Physiology and Hy-
giene.

I. HOME MANAGEMENT :—

1. *Bio-Chemistry* :—

(a) Chemical and physical nature of such pro-
teins, fats and carbohydrates, fats and mine-
ral matter as are met with in food.

(b) Metabolism of food.

(c) Vitamins.

(d) Chemical and physical nature of animal tis-
sues, bones, muscles, blood and glands.

(e) Enzymes of the body and their action.

(f) Chemical and physical nature of animal se-
cretions such as milk.

(g) Inorganic salts of the body.

(h) Chemistry of Urine, perspiration, digestion,
blood, respiration.

(i) Chemical defence of the body, against the
action of poisonous substances.

(j) The fundamental principles and practice
gravimetric and volum-metric analysis as
used in good chemistry.

(k) Determination of moisture, portein fat, sugar, and ash in common food materials.

(m) Detection of food preservatives and adulterations.

2. *Milk*—The sepaatiin of sonstituents. Determination of specific gravity of total solids of Ash of portein and lactose and of fat by (*a*) Babcock

(*b*) the Werner Schmidt method.

3. *Butter*—Determination of water, fat, curd, and ash.

4. *Cereals*—Microscopical examination of starches. Determination of gluten and curds fibre in flour.

5. *Yeast*—Its action as a raising agent and its action in the operation of fermented beverages Preparation and analysis of vinegar.

6. *Baking Powder*—Their general qualitative examination, determination of carbon dioxode and starch.

7. *Beverage*—Non-Fermented.

2. *Dietetics and Food Bacterioligy* :—

Nutritive value of carbohydrates, proteins and fats of food.

Vitamins and deficiency diseases.

Mineral salts in relation to food requirements.

Caloric value of foods.

Nutritive table of meats, fish, careal foods and oils.

Vegetable and pulses, milk and milk products.

Diet for children of varying ages.

A balanced diet for adults.

Diets for pregnancy and lactation, constipation, diabetes. Invaild diets.

Food deterioration. Preservation and storage of foods stuffs.

The normal and pathological becteriology of milk, butter and cheese. The essentials of an adequate diet based upon the nutritive properties of food materials.

Application of these facts in the light of physiology made to the feeding of the individual throughout infancy, childhood, adolescence, adult life and old age.

Problems of Adjustment in family and home:—

The Theory of principles of Book-keeping. Cash Accounts. Budgetting. Saving Banks. Issuing of Cheques. Investments.

Textile (Fibres and Fabrics). Laundry and Applied Chemistry:—

The Structure, chemical composition and properties of the chief textile fibres and their utility according to composition and weave.

The testing and analysis of fibres and fabrics.

Properties and nature of textile. (Reference to Boston).

Bleeching and dyeing by commercial and indigenous dye stuff.

Chemistry of Stain removers and bleechers.

Chemistry and nature of dyeing process.

Classification of dye stuff.

Dry cleaning, disinfection of linen.

Latest equipment of laundries.

Modern labour saving devices.

5. *Technology of Cookery*:—

(a) Principles and methods of cookery based on dietetic principles underlying principles of the Cookery of different foods and calculation of the cost of foods prepared.

(b) Standarized methods of cookery on the basis of the composition of foods.

Special consideration given to the preparation of attractive dishes, with special reference to the place in the menu, stress being laid on choice, appearance, texture food value and cost of meals. Advanced and special preparation. Receipts to be given and the finding of the calo- ric value of the dishes prepared.

III. Home Technology:—

(1) Mothercraft. St. John's Ambulance Certificate.

Definition and scope. Enumeration of sections covered by other parts of course. Standards of living. Habits. Happy motherhood. Habits physical, mental spiritual aesthetic. Birth, the infant, the toddler, the older child, normal development and care. Care of the sick child. Child psychology. The importance of the father in the family. Social relationships.

(2) *Bacteriology—Sanitation and Hygiene*:—

The nature, structure and functions of bacteria, the sterlization of media and apparatus, the fundamental principles of immunity. The fundamental principles and their application to disease, preparation as they relate to water supply, milk sup-

ply, general food supply, the disposal of
waste, sewage and garbage, ventilation,
lighting, heating and housing.

(3) *Interior Decoration*—Appreciation of colour
and design.

House planning, room arrangement, light-
ing, making of plans, model rooms and
furniture to scale.

Application of the history of furniture to
present day circumstances.

Acquaintance of period decoration in tapes-
tries, furniture, pewter ware, glass and
China. Cutting out and making of pic-
tures. Laying of tables and period deco-
ration.

Discuss and study intelligently the relative
merits, of distemper - paint - enamel
wallpaper - panelling.

The cost and durability and importance of
spray painting and latest modern devices.

The use of coluor and study of illustration of
merchandise and visits to an art museum
for the purpose of studying textiles furni-
ture of the various countries. ceramics
(pertaining to the manufacture of porce-
lain and earthen ware).

(4) *Purchasing of Household equipment*:—

Requirement for activities related to labour
saving house efficiencies - cookers - inde-
pendent boilers. Utensils for providing
and storing of food for the family and dif-
ferent preparations of food - decoration
meal service.

Equipment for activities related to clothing - work materials - tables for cutting out and other sewing and embroidery machines.

Equipment for activities related ·to home laundry - laundry tubs - ironing boards - iron (various) peggys wash-boards - boilers.

Equipment for study of home management - cabinets - chairs settees - tables - divans - t a k h t s - dressers - masnad - gaotakia - cushion.

Equipment for care and guidance of health and home care of the sick- medicine cabinets containing bandage and emergency supplied medicines - bed rest and bed side table - blocks for raising ordinary beds in illness - bed-linen - weighing scales bed pulleys and cage.

(5) *Household and Social Economics*:—

(a) An outline of the economics and industrial history of India. The influence of economic and industrial conditions on the home.

(b) The factors influencing the price of commodities - demand price - supply price - wages - rent - capital and its remuneration Modern industrial problems especially such as concern women and children.

(c) The state and the individual. Social responsibility with reference to the infant, the child, the adult. Problems of infantile mortality. Public health - education- crime - mental defective - destitution and employment.

Definition and scope of civics. Its relation to other sciences. Evolution of civic ideas. The historical development of the Indian Civilization and the Civic ideas. Citizenship with reference to family, village, town, district, province, country and the empire.

Forms of states and Governments. Functions of Government, Constitution. The Indian Administration. Reform Movements and formation of Associations. Social Economics.

(6) *Psychology*—Pschology as a science. Methods of Psychology. The General structure of the nervous system and its influence on mental life. Phenomena of mental life. Mental Hygiene. The difficult child. The problems of adolescence. Simple abnormal psychology. Individual difference due to race heredity, environ ment, maturity. Sex. Intelligence tests. The super-normal child. The backward child. The ways of learning - habit forming, remembering and forgetting - fatigue and boredom.

(7) *Physiology and Hygiene.*—

(i) *Physiology* :—

(1) Structural principles.

(2) Biochemical principles.

The elementary constituents of protoplasm- the proximate constituents. (a) the lipoides, (b) the carbo-hydrates, (c). Proteins - the Phenomenuous of Organic Synthesis.

(3) Biophysical Principles.

The energy of molecules in solution - the properties of colloids - the passage of water and solu-

tes through membranes - the electrical changes in living tissues - catalytic and enzyme action.

(4) Muscle:—

Structure - excitation - mechanical changes during contraction - chemical composition and changes during activity - electrical changes - plain muscle and other contractile tissues.

(5) Nerve:—

Structure - excitation - mechanical changes during contraction - nerve impulses - excitability - polarization phenomena - nature of nerve impulse.

(6) The Autonomic Nervous System.

(7) The Central Nervous System.

General features—structures of nerve cells-degeneration and regeneration - synopses - reflex-action - chief tracts - general sensation - voluntary movements. The different parts of the central nervous system, speech.

(8) Special Senses.—

    (a) Eye—Structure of eye ball-nourishment and properties of eye - the optical system of the eye refraction.

    (b) Ear—Sound - structure of auditory apparatus - phenomena of hearing.

    (c) Sensation of smell and taste.

(9) Nutrition.

Metabolism - starvation - significance of foodstuffs - Vitamins - normal diet of man.

(10) Psychology of Digestion.

Digestion in Mouth - stomach - intestines - deglutation - Movements of stomach and intestine-digestive juices.

(11) Absorption of Foodstuffs.

(12) Intermediate Metabolism.

(13) The blood.

Quantity and composition - cells - the coagulation of blood.

(14) Physiology of the Heart.

(15) Blood vessels and circulations.

Structure of blood vessels. Elementary hydrodynamics of the circulation - blood pressure - circulation through arteries - capillaries and veins - nervous control of blood vessels - pulmonary - hepatic and cerebral circulation.

(16) The Spleen.

(17) Lymph - Tissues   fluid - cerebro-spinal fluid.

(18) Respiration.

Respiratory organs - respiratory movements - composition of gases.

(19) Renal Excretory System.

Composition of urine - secretion of urine - Physiology of maturation.

(20) The skin and body temperature.

(21) The Endocrine Organs.

(22) The Reproductive System.

7. *Physiology and Hygiene*—(contd.).
  (*ii*) *Hygiene*:—

> *Water*—Sources, purification, storage, distribution, water-borne diseases.
> *Food and Dietetics*—Constituents. Vitamins, relation to health, milk and diary-farming.
>
> *Air, Meteorology and Climate.*—
>
> *Disposal of Sewage*—Scavenging, Conservancy, privis, latrines, pail-system, water-carriage system. Disposal - Trenching. incineration, Biological Treatment.
>
> *Housing.*—
>
> Lighting - Ventilation.

Personal Hygiene.—

> *Schools.*—
>
> Medical inspection of—'

Children-Welfare Centres—

> Maternal and Infancy mortality, Birth control and Eugenics.

Preventable Diseases.

> Animal parasites and insect carriers. Hospitals. Rural Hygiene and Fairs.
>
> Occupational Diseases and Offensive trades.

Burial.

Vital Statistics.

دینیات لازم (f)

مذهب :۔

اس کی عام حقیقت' غرض و غایت ۔ مذهب کا علوم عقلیه یعنی حکمت (سائنس) اور فلسفہ سے تعلق ۔ فلسفہ کے مسلک ۔ مادیت کا اثر مذهب پر ۔ مسلك مادیت سمجهنے کے لئے خود ماده پر بحث ۔ دین فطرت یعنی اسلام ۔ یورپ کے اثرات سے مذهب کیوں گهٹ رہے هیں ۔

خالق عالم ۔ خالق و مخلوق کا باهمی تعلق ۔ ربوبیت اور قیومیت کے مظاهره ۔ توحید ۔ صفات ۔

روح وملائکه :۔

روح کی حقیقت، اس کے احوال و آثار ۔ اس کی بقا ملائکه کی حقیقت پر بحث ۔ جن و شیاطین کی حقیقت ۔ رسالت ۔ نبوت کی حقیقت ۔ اس کی ضرورت و غایت ۔ رسول کی پہچان' اس کی تعلیم وکتاب ۔ معجزات اور اس کے لواحق، امکان' وجود ، شهادت ، ان کا دلیل نبوت هونا ۔ وحی ۔ الهام ۔عموم نبوت مهدیه ۔ ختم نبوت ۔نسخ ادیان۔ خلافت الهیه ۔

معــاد :۔

سزا وجزا۔ عذاب قبر ۔ قیامت ۔ جنت ودوزخ ۔ تقدیر ۔ جبر واختیار۔ خیر وشر

شریعت وطریقت :۔

کلام مجید واحادیث پر انکی بناء، انکے اختلافات کی نوعیت

(g) اخلاقیات

پہلا حصہ

۱ ـ تمہید ـ مسائل اخلاقیات اور اجتماعی فلسفہ ـ اخلاقیات کا تعلق تمام انسانی علوم اور تمام انسانی اداروں سے ـ اخلاقیات کی قدر و قیمت ـ اخلاقیاتی قدر و قیمت اور دوسری اقدار ـ

۲ ـ انسان حیاتیات و نفسیات کی روشنی میں ـ فطری اور اجتماعی ماحول کا اثر انسان پر ـ فرد اور شخصیت کا تصور تحقیقات جدیدہ کی روشنی میں ـ نفس یا ذات ـ تربیت نفس ـ ماحول اور فضا کی اہمیت میں مبالغہ ـ نظریۂ ارتقا کا اثر اخلاق پر ـ

۳ ـ انسانی جماعتوں میں ارتقاۓ اخلاق کی تاریخ کا خاکہ ـ نہایت ابتدائی حالت سے لے کر ابتك انسانی جماعتیں کن اخلاقی مدارج سے گذریں یا گزر رہی ہیں ـ مختلف اقوام کے رسم و رواج، مذاہب اور قوانین ـ اخلاقی تصورات کی تدریجی ارتقاء ـ انفرادیت اور شخصی ذمہ داری کا احساس ـ جدت اور اصلاح ـ قانون سازی کا جدید دور اخلاق ـ قومیت کا تصور اور اس کے تاریك اور روشن پہلو ـ انسانیت کا نصب العین ـ انسان کا مستقبل ـ

دوسرا حصہ

۴ ـ اصول و معیار اخلاق ـ تمہید ـ اخلاق اور عقل ـ فرض اور ذمہ داری ـ جبر و اختیار ـ خیر و شر ـ فضیلت و سیرت ـ بعض قدیم نظریے ـ عقلیت ـ لذتیت و افادیت ـ تصوریت ـ کمالیت یا تکمیل نفس ـ انسان دوستی ـ

تیسرا حصہ

٥ ۔ تہذیب و شائستگی اور فنون جمیلہ ۔ تہذیب اور فنون' جمیلہ کے خطرے ۔ دولت اور تہذیب و شائستگی۔ عمومی انسانیت ۔ تعلیمی قوتیں ۔ مطبع ۔ اعلی تعلیم ۔ اسکے معاشی پہلو۔ جامعے کے اجتماعی وظائف۔ تعلیم میں کمیت و کیفیت ۔ اعلی قابلیت کے معیار و شرائط ۔ علوم و فنون کی ترقی کا اثر اخلاق پر ۔ تہذیب اخلاق کا تعلق طریق تعلیم سے ۔

٦ ۔ آزادی رائے اور آزادی تحریر و تقریر ۔ اسکی مستثنیات۔ آزادی رائے پر پابندیاں عائد کرنے کی ضرورت ۔ کیا ہمارے اخبار آزاد ہیں ؟ عوام کو ان سے کسطرح نقصان پہنچتا ہے ۔ اصلاح کی صورتیں ۔

٧ ۔ قوم کے مستقبل کے پیش نظر دماغی اور جسمانی صحت ۔ حصول صحت کے غلط تصورات اور غلط طریقے ۔ کھیل تفریح کی موجودہ خرابیاں ۔ بہتر ماحول کی ضرورت۔ شہری زندگی کے خطر ناک اور مضرت بخش اجزا کا ارتفاع۔ بلدیات کے فرائض ۔

٨ ۔ کتبے کا مقام اخلاقی تربیت میں۔ انتخاب زوج ۔ وحدت زواج۔ کثرت ازدواج ۔ ازدواجی نا کامیاں ۔ طلاق ۔ صنفی خواہش کی تکمیل کے غلط طریقے۔ معاشری پابندیوں کے فوائد اور نقصانات ۔ عورت اور مرد کا جسمانی اور دماغی فرق ۔ صنف نازک اور فطرت ۔ تخصیص عمل اور تقسیم کار ۔ کیا عورتوں اور مردوں کے حقوق و فرائض اور اخلاقی فضائیں۔ جدا جدا ہیں؟

٩ ۔ فرد اور جماعت کی موافقت اور مخالفت ۔ فرد اور جماعت کے اغراض و مقاصد میں حقیقی موافقت کیسے پیدا ہو سکتی ہے ۔ انفرادیت ۔

اجتماعیت ۔ آزادی فرد ۔ قوم ۔ سیاست اور اخلاق ۔ حکومت کے مختلف طریقے افراد میں کس کس قسم کا فرق پیدا کرتے ہیں ۔

۱۰ ۔ مختلف اقوام کے باہمی تعلقات ۔ کیا وہی اخلاق جو افراد قوم میں باہم ملحوظ ہوتے ہیں اقوام کے مابین بھی برتے جاسکتے ہیں؟ بین الاقوامی قانون ۔ جمعیت الاقوام ۔ بین الاقوامی عدالت ۔ ایک قوم کا دوسری قوم پر حکومت کرنا کہاں تک حق بجانب ہو سکتا ہے۔ قانون بقائے اصلح کی رو سے کیا یہ ضروری ہے کہ انسانی جماعتوں میں بھی طاقتور جماعتیں کزور جماعتوں کو فنا کر دیں ؟

۱۱ ۔ عمومیت ۔ کیا عمومیت ناکام رہی ہے؟ عمومیت کی تحدیدات ۔ چند سری حکومت ۔ نسلی اور قومی افتخار ۔ توارث اور ذہنیت ۔ عمومیت اور تہذیبی ماحول ۔ عمومیت اور فطرت انسانی ۔ معاشی ۔ تسلط ۔ اقتدار ۔ طبقات و مدارج کا اختلاف ۔ بہتر طریق تعلیم اور بہتر تربیت اخلاق سے بہتر نتائج پیدا ہو سکتے ہیں

۱۲ ۔ معاشیات اور اخلاق ۔ پیدائش و تقسیم دولت ۔ سرمایہ داری ۔ عمومیت ۔ اشتراکیت ۔ اشتمالیت ۔ کاؤں کی تہذیب ۔ دولت کا اضافہ بے سہی ۔ وراثت ۔ اسراف ۔ نظریہ اجر و جزا ۔ کیا ہر شخص کو اسکی جائز ضروریات کے مطابق معاوضہ ملنا چاہئے یا اسکے کام کی نسبت سے ؟ کیا کامون اور پیشون کی تقسیم اعلی اور ادنی میں ہو سکتی ہے؟

۱۳ ۔ عدل یا انصاف ۔ قانون اور انصاف ۔ قانون کو ضروریات کے مطابق تغیر پذیر ہونا چاہئے۔ کیا بعض قوانین اٹل بھی ہو سکتے

ہیں؟ قانون میں شخصیت کا تصور ۔ شہری وسیاسی حقوق ۔کیا قانون کوسب پر یکسانی طور پرعا ید ھو یدھو ناچاہئے؟ نظر یہ سزا۔ آیا سزا انتقا می ھونی چاہئے یا امتشا لی یا اصلا حی ؟ عذاب اور اصلاح ۔

۱۴ ۔ مسئلہ صلح و جنگ ۔ کیا اقوام کے در میان انفصال تنازعات کے لئے جنگ کی بجا ئے زیادہ مہذب طریقے کارگر ھوسکتے ہیں ؟ تشد د اور عدم تشدد کے اخلا قی پہلو۔ یہ کہاں تك صحیح ھے کہ جنگ اخلا قی عالیہ پیدا کر تی ھے جو کسی اور طریقے سے پیدا نہیں ھوسکتے؟ کیا انسان کی جنگ جو یا نہ جبلت سے تربیت کی بدولت بہتر کام نہیں لیا جاسکتا ؟ اقوام میں باھمی تنازعات کے اسباب و وجوہ کو دور کر نے کی صورتیں جو مستقبل میں پیدا ھوسکتی ہیں ۔

۱۵ ۔ مذ ھی اختلافات ۔ شدت را ئے ۔ تعصب و عدم روا داری اور مستقبل ۔ باھمی روا داری اور بے تعصبی کے حصول کیلئے کیا طریق عمل اختیار کیا جاسکتا ھے ؟ مذھب میں ایك بڑی حد تك اخلا قی تعلیم کی مما ثلت ۔ مختلف مذاھب کے امتیا زی فضائل اخلا ق ۔ دوسرے مــذاھب کا احترا م ۔ مذھبی فرقہ بندی ۔ مذاھب کے اغرا ض و مقاصد ۔ اجتما عی اخلا ق اور مذاھب کا ربط و تعلق ۔ مذھبی ایجابیت کی دشوا ریاں ۔ انسان اور فطرت ۔ عقائد کی ضرورت ۔ مذا ھب عالیہ کے مختلف اخلا قی عناصر۔

———

D.
B. Sc. EXAMINATION.

B. Sc. EXAMINATION.

1353—1354 F. (1944—1945)

Rules and subjects for Examination.

1. The examination for the degree of Bachelor of Science shall be held once a year in Hyderabad, at such time and on such dates as the Syndicate may prescribe.

2. The examination shall be open to:—

(*a*) All students who have satisfactorily completed a regular course of study in a College of the University for not less than two academic years after passing the Intermediate Examination of the Osmania University or an examination or test accepted by the University as equivalent thereto, with Physics and Chemistry as their optional subjects.

(*b*) Students who have satisfactorily prosecuted a regular course of study for the year immediately preceding the examination at a College of the Osmania University and who have been permitted under Regulation (3) below to reckon a previous year of study since passing the Intermediate Examination or its equivalent at a College of a University recognized for the purpose by the University.

3. Any student may be admitted to the final class of a College of the Osmania University provided he produces a certificate from the Principal of the College (affiliated to any of the Universities recognized by the University) he was last attending that the penultimate year of his degree course at College has been duly kept according to the regulations in force at the University from which he is migrating and that in the Principal's opinion he was fit for promotion to the final class of that College.

4. A candidate who has passed the B.Sc. Examination with a particular subject as his subsidiary shall be permitted to reappear for the B.Sc. Examination with the same subject as main provided that he has undergone the course of study prescribed for the subject (both theoretical and practical) by attending the University for a period of not less than one year. He shall be exempted from re-examination in the subsidiary subjects concerned.

5. Laboratory Assistants serving in a College of the University will be allowed to appear privately for this examination provided that they produce from the Principal of the College, in which they are or have been employed, the certificate of Laboratory work required under Regulation 15 and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at that examination. It is also necessary that by the date of the Examination not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

6. Candidates from a college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as *private* candidates to a subsequent-examination, provided that they do not change the subjects they had studied at College. In case they change any of their subjects they shall be required to put in fresh attendance in the College in the subject or subjects they have changed.

Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should, therefore, ascertain, from the Registrar

before applying for permission, whether regular students of the University are taking up those subjects.

7. Applications of private candidates in the form prescribed must reach the Registrar not less than two months before the examination accompanied by a fee of Rs. 36.

8. In the case of College candidates application for admission and certificates of attendance and progress in the form prescribed together with a fee of Rs. 36 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.

In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examinations.

9. No student will be allowed to appear at the examination, unless he has put in 70 per cent. attendance in each of the subjects of his course for the examination. He shall have to make up the same percentage of attendance separately in the practical course of lectures. The Syndicate may, however, condone the deficiency in attendance not exceeding 5 per cent. on special reasons, especially, ill-health when the application is supported by a certificate by an authorised Medical Officer, which can satisfy the Head of the Institution.

A member of the U.T.C. shall be permitted to count as attendance the periods spent on duty in connection with the University Training Corps Camps.

Students attending Inter-University Tournaments or Debates will be entitled to the same privilege.

4. A candidate who has passed the B.Sc. Examination with a particular subject as his subsidiary shall be permitted to reappear for the B.Sc. Examination with the same subject as main provided that he has undergone the course of study prescribed for the subject (both theoretical and practical) by attending the University for a period of not less than one year. He shall be exempted from re-examination in the subsidiary subjects concerned.

5. Laboratory Assistants serving in a College of the University will be allowed to appear privately for this examination provided that they produce from the Principal of the College, in which they are or have been employed, the certificate of Laboratory work required under Regulation 15 and also a certificate from the same authority of continuous and approved service for not less than three years previous to the date of their application for permission to appear at that examination. It is also necessary that by the date of the Examination not less than two academic years shall have elapsed since the date of their passing the Intermediate Examination or its equivalent.

6. Candidates from a college of the University who have been allowed to appear at the examination once but have not been able to appear or have failed to pass may be admitted as *private* candidates to a subsequent·examination, provided that they do not change the subjects they had studied at College. In case they change any of their subjects they shall be required to put in fresh attendance in the College in the subject or subjects they have changed.

Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the University College. They should, therefore, ascertain, from the Registrar

before applying for permission, whether regular students of the University are taking up those subjects.

7. Applications of private candidates in the form prescribed must reach the Registrar not less than two months before the examination accompanied by a fee of Rs. 36.

8. In the case of College candidates application for admission and certificates of attendance and progress in the form prescribed together with a fee of Rs. 36 for each candidate shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.

In special cases the Principal may hold back the certificates of attendance. Such certificates must, however, reach the Registrar in no case later than three weeks before the examinations.

9. No student will be allowed to appear at the examination, unless he has put in 70 per cent. attendance in each of the subjects of his course for the examination. He shall have to make up the same percentage of attendance separately in the practical course of lectures. The Syndicate may, however, condone the deficiency in attendance not exceeding 5 per cent. on special reasons, especially, ill-health when the application is supported by a certificate by an authorised Medical Officer, which can satisfy the Head of the Institution.

A member of the U.T.C. shall be permitted to count as attendance the periods spent on duty in connection with the University Training Corps Camps.

Students attending Inter-University Tournaments or Debates will be entitled to the same privilege.

a(ii) *Physics, taken as subsidiary subject.*

Theory Paper I—General Physics, Properties of Matter, Heat and Sound	75
Theory Paper II—Light, Magnetism and Electricity	75
Practical	50
	200

b(i) *Chemistry taken as main subject.*

There will be three theory papers each of three hours' duration and two practical examinations of six hours' and 5 hours' duration respectively. 20 marks will be set apart for the record of the work done in the technical laboratory in connection with the preparation of Industrial and Pharmaceutical products.

Theory Paper I—Inorganic	90
„ „ II—Organic	90
„ „ III—Physical Chemistry	90
Practical Paper I—Qualitative and Gravimetric analysis	60
Practical paper II—Volumetric analysis and organic preparations	50
For the record of work in the technical laboratory	20
	400

b(ii) *Chemistry, taken as subsidiary subject.*

Theory Paper I—Inorganic and Physical Chemistry	70
Theory Paper II—Organic and Physical Chemistry	70
Practical	60
	200

c(i) *Mathematics, taken as main subject.*
Six papers of 3 hours each

Paper I—Algebra, probability and Statistics 60

Paper II—Coordinate Geometry of two and three dimensions .. 60

Paper III—Calculus (Differential and integral) 70

Paper IV—Complex Variables and differential equatiins 70

Paper V—Statics and Dynamics .. 70

Paper VI—Hydrostatics and Astronomy .. 70
                                                    ———
                                                    400

c(ii) *Mathematics, taken as subsidiary subject.*

Paper I—Algebra, Trigonometry and Analytical Geometry .. 70

Paper II—Calculus and Differential Equations 70

Paper III—Statics and Dynamics .. 60
                                                    ———
                                                    200

d(i) *Botany, taken as main subject.*

Theory Paper I—Thallophyta, Bryophyta and Pteridophyta .. 90

Theory Paper II—Histology & Systematic Botany (Gymnosperms and Angiosperms) .. 90

Theory Paper III—General Biology, Physiology and Ecology .. 90

Practical Paper I—External and Internal Morphology .. 65

Practical Paper II—Classification and Physiology .. 65
                                                    ———
                                                    400

d(ii) *Botany, taken as subsidiary subject.*
Theory Paper I—Thallophyta, Bryophyta,
Pteridophyta and Gymnos-
perms .. 70
Theory Paper II—Angiosperms, Physio-
logy and Evolution .. 70
Practical 60

200

e(i) *Zoology, taken as main subject.*

Theory Paper I—General principles of Bio-
logy and Evolution, Elementary
ideas about Cytology, Histology,
Physiology and Embryology. .. 90
Theory Paper II—Non-Chordata .. 90
Theory Paper III—Chordata 90
Practical Paper I—Dissection, Indentifica-
tion and permanent mounting
of Non-chordata 65
Practical Paper II—Dissection and Identifi-
cation of Chordata 65

400

e(ii) *Zoology taken as subsidiary subject.*

Theory Paper I—Non-chordata, Elementary
Cytology, Histology and Physio-
logy 70
Theory Paper II—Chordata, Elementary
Principles of Evolution, Histo-
logy, Physiology and Embryology 70
practical (one paper) 60

200

f. *Geology taken as subsidiary Subject.*

Theory Paper I—(*a*) Physical Geology ⎫
             (*b*) Crystallography ⎬ 60
             (*c*) Mineralogy
             (*d*) Petrology ⎭

Theory Paper II—(*a*) Stratigraphy ⎫
             (*b*) Indian Geology ⎬ 60
             (*c*)· Geology of Hyder-
                    abad State.
             (d) Economic Geology ⎭

Practical: Sections (a & b). ⎫

  Section (*a*)—

    (*i*) Identification & description of—

        (*a*) Crystal Models
        (*b*) Rock Types (Megascopic
            examination).
        (*c*) Fossils and their horizons
        (*d*) Minerals, by their physi-
            cal characters.

    (*ii*) Blow pipe and simple qualita- ⎬ 80
         tive tests to identify ore
         minerals.

Section (*b*)—

    (*a*) Map drawing and structural
        Geology

    (*b*) Identification and description
        of mineral and rock sections
        including important opti-
        cal characters, and micro-
        structures. ⎭

200

g. *Domestic Science taken as subsibiary subject.*

Paper I. Biochemistry etc.	70
Paper II. Psychology etc.	70
Practical (one paper) .	60
	200

III—*Theology or Morals* (one paper)   100

Examination in Theology or Morals shall be regarded as qualifying Examinations and the marks gained by a candidate in the subjects shall not be included in the grand total of the marks; but no student can go for a higher examination unless he has qualified in Theology or Morals in the lower examination. Students who have once passed in Theology or Morals at an examination will not be examined in these subjects if they appear again at that examination.

All the papers detailed above will be of three hours' duration.

15. No candidate will be allowed to appear for the B.Sc. Examination unless he produces from the Head of the Department of English that he has written 20 essays during the course of two years' study. Failures who join the college will be required to write 10 essays.

16. No candidate from a college of the University will be permitted to present himself at the B.Sc. Examination in any Science subject for which a practical course is necessary under these rules unless he produces a certificate from the Principal of such college to the effect that he has completed the required course in the college laboratories. In the case of private candidates appearing under Regulation 4 evidence must be produced that the candidate has completed the required course in a laboratory approved of by the University.

17. No candidate shall be declared to have passed the B.Sc. Examination unless he obtains 33 per cent. marks in the subject. In the main subjects in which practical test is necessary, the required percentage shall be 33 per cent. in the theoretical part of the examination as well as in the practical test. In subsidiary subjects, the pass percentage will be 33 per cent. on the whole including theoretical as well as practical test.

18. Those of the successful candidates who obtain 60 per cent. or more of the aggregate marks will be placed in the first class, those obtaining 45 per cent. or more but less than 60 per cent. in the second class, and the others in the third class.

The names of successful candidates placed in the first class, shall be arranged in order of merit as determined by the total marks obtained by each candidate. The names of others placed in the second and third classes shall be arranged in serial order of their roll numbers.

19. A certificate signed by the Chancellor shall be given to each successful candidate setting forth the date of the examination, the subjects in which he was examined and the class in which he was placed.

20. Any student who fails to pass the examination on account of his having failed to obtain 33 per cent. in English or in his selected subject, will be considered to have passed the whole examination, on his passing at a subsequent examination merely in the subject in which he has failed, provided that the marks gained by him in such subject in the previous examination do not fall short of 25 per cent. and provided in that examination he has secured an aggregate total of 40 per cent.

Text-Books.

I. ENGLISH.

Non-Detailed Texts:—

   (a) The Mayor of Casterbridge by Thomas Hardy. (Macmillan—Cottage Library Editon).

   (b) Strife by Galsworthy (Duckworth-Nelson & Co.).

   (c) Everyday Life in Ancient Greece and Rome by C. E. Robinson and Everyday Life in Rome by H. A. Treble & K. M. King (In one Volume—Oxford University Press).

II. OPTIONALS.

a(i) PHYSICS (MAIN).

The following books are recommended:—

   (1) Richardson's Sound.

   (2) Saha & Srivastava's Junior Heat.

   (3) Hutchinson's Electricity and Magnetism in 2 volumes.

   (4) Houston's Treatise on Light. Portion dealing with Geometrical Optics only).

   (5) Worsnop and Flints' Practical Physics.

(6) The book on "Physical Optics" compiled by Mr. M. A. Rahman Khan (Osmania University Series).

(7) Properties of Matter, (خواص ماده) compiled by Messrs. Syed Md. Ali Khan and Syed Abdur Rahman.

For detailed syllabus vide appendix-a(i).

a(ii) PHYSICS (SUBSIDIARY).

(1) Duncan and Starling's Text-book of Physics (Osmania University Series).
(2) Allen and Moore's Practical Physics. (Osmania University Series).

For detailed syllabus vide appendix-a(ii).

b(i) CHEMISTRY (MAIN).

1. Inorganic Chemistry by Partington. (Osmania University Series).
2. Systematic Inorganic Chemistry by Caven and Lander. (Osmania University Series).
3. Introduction to Physical Chemistry by Walker. (Osmania University Series).
4. Outline of Chemistry by Fenton. (O.U.S.).
5. Organic Chemistry by Perkin and Kipping. (O.U.S.).
6. Practical Organic Chemistry by Cohen. (O. U.S.).
7. Systematic Qualitative Analysis by Caven. (O.U.S.).
8. Quantitative Analysis and Inorganic preparation by Caven. (O.U.S.).
(9) A class book of Physical Chemistry by Lowry and Sugdon.
(10) Outlines of Industrial Chemistry by Thorpe.

For detailed syllaubs vide appendix—b(i)

b(ii) Chemistry (Subsidiary).

(1) Inorganic Chemistry by Alexander (O.U.S.)
Smith, Parts I & II.
(2) Theoretical Organic Chemistry by
Cohen. ,,
(3) Text-book of Physical Chemistry
by Firth. ,,
(4) Intermediate Chemistry by Lowry
and Cavell. ,,
(5) Practical Chemistry by Bruce and
Harper. ,,

For detailed syllabus vide appendix—b(ii).

C. Mathematics.

The following books are recommended:—

Pure Mathematics.

1. Higher Algebra by Hall and Knight. (O.U.S.).
2. Plane Trigonometry by Loney, Part II.
(O.U.S.).
3. Co-ordinate Geometry by Grace and Rosen-
berg. (O.U.S.).
4. An Elementary Treatise on the Calculus by
Gibson. (O.U.S.).
5. Chapters on Differential Equations from Ed-
ward's Integral Salculus. (O.U.S.).

Applied Mathematics.

1. Elements of Statics by Loney.
2. Elements of Dynamics by Loney.
3. Elements of Hydrostatics by Loney.
4. Elements of Astronomy by Loney.

For detailed syllabus vide appendix—c(i-ii).

d(i) Botany (Main).

Books recommended:—

1. *Raber, C.*—Principles of Physiology.
2. *Maximov.*—Text-book of Plant Physiology.
3. *Pool, J.*—Flowers and Flowering Plants.
4. *Small.*—Text-book of Botany.
5. *Swingle.*—Text-book of Systematic Botany.
6. *Caver, S.*—Practical Botany.
7. *Coulter, Barnes and Cowles.*—Text-book of Botony, 3 Volumes.
8. *Lock.*—Variation, Heredity and Evolution.
9. *Scott.*—Structural Botany. Vols. I &II.
10. *Strasburger.*—Text-Book of Botany.
11. *Strasburger and Hillhouse.*—Practical Botany.
12. *Green.*—Vegetable Physiology.
13. *Dendy.*—Outlines of Evolutionary Biology. ·
14. *Punnett.*—Mendelism.
15. *Green, T.R.*—Manual of Botany, Vols. I &II.
16. *Bower.*—Botany of the Living Plant.
17. *Haberlandt.*—Physiological Plant Anatomy.

For detailed syllabus vide appendix—d(i).

d(ii) Botany (Subsidiary).

Books recommended:—

1. *Coulter Barnes and Cowles.*—Text-book of Botany Vols. 1, 2, and 3.
2. *Lowson and Sahni.*—Text-book of Botany. (Indian Edition).
3. *Strasburger.*—Text-book of Botany.
4. *Scott.*—Structural Botany.
5. *Dendy.*—Outlines of Evolutionary Biology.

For detailed syllabus vide appendix—d(ii).

e(i) Zoology (Main).

Books recommended:—

1. *Shipley & MacBride.*—Zoology. (An Elem
tary Text-book).

2. *Parker & Haswell.*—Text-book of Zoology, V‹
I & II.

3. *Hourne, G. C.*—An Introduction to the Study
the Comparative Anatomy of A
mals, Vols. I and II (Messrs.
Bell & Sons, Ltd. London).

4. *Parker & Bhatia.*—Text-book of Zoology
Indian Students.

5. *Borradaile.*—The Animal and its Environme

6. *Kingsley or Wiedersheim.*—Comparative A:
tomy of Vertebrates.

7. *Dendy.*—Elements of Evolutionary Biology.

8. *Marshall.*—The Frog.

9. *Marshall & Hurst.*—Practical Zoology.

10. *The Indian Zoological Memoirs.*

11. *L. A. Adams.*—Introduction to Vertebrates.

12. *Aute Richards.*—Outline of Comparative E
bryology.

13. *J. Smith.*—The Primitive Animals.

14. *Goodrich.*—Living Organisms (An account
their Origin and Evolution).

15. *MacBride.*—An Introduction to the Study
Heredity.

16. *Jenkinson.*—Vertebrate Embryology.

17. *Lankester.*—Extinct Animals.

18. *Gadow.*—Wanderings of Animals.

19. *Jordan & Kellogg.*—Evolution and animal li

20. *Doncaster.*—Cytology.
21. *Heilprin.*—The Distribution of Animals.

For detailed syllabus vide appendix—e(i).

e(ii) ZOOLOGY (SUBSIDIARY).

Books recommended :—

Parker and Haswell ..	Text-book of Zoology, Vols. I and II.
Borradaile	.. Manual of Zoology.
Marshall	.. The Frog. ..
Parker and Bhatia	.. Text-book of Zoology for Indian students.
Thomson	.. Outlines of Zoology.
Marshall and Hurst	... Practical Zoology.
The Indian Zoological Memoirs.	

For detailed syllabus vide appendix—e(ii).

f. GEOLOGY (SUBSIDIARY).

Books suggested :—

Text-book of Geology Part I (Physical).	Longwell Knof and Flint.
Text-book of Geology ..	Lake and Rastall.
Mineralogy (Revised edition). ..	Dana.
Petrology ..	Harker.
Minerals and Micros-cope.	Smith.
Geology of India ..	**Wadia.**
Geological and Topogra-phical Maps.	Dwarry House

Aid to Practical Geology.. G. Gole.

Mineralogy (Revised Dana & Ford. Edition).

On Palaeontology lectures to be given by the Professor according to the requirements.

For detailed.Syllabus vide appendix (f).

g. DOMESTIC SCIENCE (SUBSIDIARY).

No book is prescribed.

For detailed Syllabus vide appendix—(g).

III. THEOLOGY OR MORALS.

(a) Theology (for Hanafi students) :—

(۱) سورۂ بقر (جو عنوانات مباحث کلامیه کے ائمے متعلق ہیں ان کی حسب موقع تفصیل کی جائے)

(۲) برائے مطالعہ سرسری ۔
دین دانش (مولوی محمود علی صاحب)
حکمت اسلامیه (مولوی عبدالقدیر صاحب)

For detailed syllabus vide appendix—(h).

(b) Morals (for non-Hanafis and non-Muslims). No book is prescribed.

For detailed syllabus vide appendix—(i).

APPENDECIS

Detailed Syllabuses

II Optionals :—

a(i) PHYSICS (MAIN).

Theory—The course includes a more extended study of the matter included in the Intermediate Course and in addition the following:—

General Physics and Properties of matter.

Uniform motion in a circle. The Hodograph. Simple Harmonic Motion. Composition of Simple Harmonic Motions. Angular Velocity and Angular Accelerations.

Angular Momentum. Moments of Inertia in simple cases.

Gravitation. The Compound Pendulum and accounts of experiments to find the mean density of the Earth.

Elasticity. Hooke's Law. Compressibility of gases (at high and low pressure) and liquids. Compressibility and Rigidity of Solids. The Elastic Limits. Strain due to simple longitudinal pull. Young's Modulus and its expression in terms of "k" and "n".

Bending in one plane, of bars of simple and uniform cross sectional area. Simple twisting of wires of circular cross sectional area by couple in plane at right angles to length. Torsional rigidity. Application to Torsion Balance and shafts. The Bifilar Suspension.

Capillary phenomena and general theory of Surface Tension.

Diffusion of Liquids and Gases. Osmosis. Vis-cosity. The elements of Kinetic Theory and its application to explain the simple gas laws. Van der Waal's Equation. Modern methods of producing high Vacua and of measuring pressure.

Heat.—The methods of calorimetry and thermometry. Vapour pressures. Critical temperature. Conduction and diffusion of heat and the determination of constants. Radiation and Absorption. Laws of Cooling. Methods of measuring radiation. Stefan's Law. Laws of Thermodynamics and their simple applications. Entropy.

Light.—Velocity of Light. Photometry. Combination of two or more thin lenses. Thick lenses. Achromatism in lens system. The Telescope and the Microscope. Direct vision Spectroscope. Rainbow.

The Wave theory. Simple Interference Phenomena. Huygen's Principle. Explanations of Rectilinear propagation. Reflection and Refraction of light. Action of mirrors, prisms, and lenses reviewed from this stand point.

Simple Diffraction Phenomena. Diffraction Gratings and determination of wave lengths. Spectrum analysis. Line and Band Spectra. Elementary knowledge of Bohr's theory of Hydrogen Spectrum. Doppler's Principle. Double Refraction and Polarisation of light. Rotatory Polarisation, Simple applications.

Magnetism.—Forces on a magnet in a magnetic field. Magnetic Moment and Intensity of Magnetization. Magnetic potential and equipotential lines and surfaces. Interaction of two short magnets. Determination of field strength.

Magnetic Shell. Its potential energy in a magnetic field. Magnetic induction in magnetic substances.

Magnetic Permeability and Susceptibility. Outline of the theory of magnetism.

The magnetic field of the Earth. The magnetic elements and their variations. The Compass and its corrections.

Electricity.—Electric Capacity. Dielectric constant. Distribution of Electricity on the surface of Conductors. Total Normal Inducton. Gauss's theorem. Value of electric forces in simple cases of distribution. Electric images. The mechanical force on charged conductors. Energy of electrified system. Electrometers and their use.

Tubes of induction and lines of force. Stresses in tubes and pressure at right angles to them.

Wheatstone's Bridge. Specific Resistance. Resistance Thermometer. Conductivity of Electrolytes. Ionisation. Migration of Ions. Accumulators. Standard cells. The potentiometer system of measurements. Thermo-electricity. Application of thermodynamics. Peltier and Thomson's Effects. Thermo-electric diagrams. Electromagnetic induction. Induction coils. Energy of circuit carrying current when placed in a magnetic field. Mechanical force on conductors carrying a current. Moving coil instruments. Theory of Ballistic Galvanometers. Lenz's Law. Determination of Current, Resistance, E.M.F. and Capacity in absolute measure. Elements of alternating current theory. The oscillatory discharge of a condenser.

The elementary theory of the continuous current dynamo and motor. General principles of the application of electricity to lighting. Power transmission. Telegraphy and Telephony.

Elements of wireless telegraphy and telephony, with the theory of the thremionics. The discharge of electricity through gases. X-Rays and radioactive phenomena.

Sound—The transmission of energy through material media by wave motion. Speed of propagation of waves of permanent type. Forced and free vibrations. Resonance. Nature of musical sound. Pitch scales. Reflection and refraction of sound. The vibration of strings, bars, plates and gas columns. Organ pipes. Interference phenomena. Analysis of sound. Sensitive flames. Sound ranging. Measurement of wave length, velocity and pitch.

Practical Course.—Candidates will be required to possess general acquaintance with the phenomena and to make Physical measurements dealing with these phenomena.

a(ii) PHYSICS (SUBSIDIARY).

The course will be of somewhat lower standard than that in which Physics is taken as a main subject and the syllabus will be the following:—

General Physics and Properties of Matter.—

Uniform motion in a circle. The Simple Harmonic Motion. Composition of Simple Harmonic Motions. Angular Velocity and Angular Accelerations.

Angular mometum. Moments of Interia in simple cases.

Gravitation. Elasticity. Hooke's Law. Compressibility of gases (at high and low pressure). Young's Modulus. Torsion balance.

Capillary phenomena and surface Tension.

Diffusion of liquids and gases. Osmosis. Viscosity. The elements of Kinetic theory and its application to explain the simple gas laws. Van der Waal's Equation. Method of producing high vacua. Macleod Gauge. Resultant pressure and Centre of Pressure in simple cases.

Heat.—The methods of calorimetry and thermometry. Vapour pressures. Critical temperature. Conduction and diffusion of heat and the determination of constants. Radiation and Absorption. Laws of Cooling. Methods of measuring Radiation. Laws of Themodynamics and their simple applications.

Light.—Velocity of Light. Photometry. Achromatism in lens systems. The Telescope and the Microscope. Direct vision Spectroscope.

The Wave Theory. Simple Interference Phenomena. Huygen's Principle. Explanation of Reflection and Refraction of light. Action of mirrors, prisms, and lenses reviewed from this stand point.

Simple Diffraction Phenomena. Diffraction Gratings and determinations of wave lengths. Spectrum analysis. Line and Band spectra. Elementary knowledge of Bohr's theory of Hydrogen Spectrum. Doppler's Principle. Double refraction and polarisation of light. Rotatory polarisation. Simple applications.

Magnetism.—Forces on a magnet in a magnetic field. Magnetic Moment and Intensity of Magnetization. Magnetic potential. Determination of field strength.

Magnetic Shell. Magnetic induction in magnetic subtances. Outline of the Theory of Magnetism.

The magnetic field of the Earth. The magnetic elements and their variations.

Electricity.—Electric Capacity. Dielectric constant. Lines of force, Coulomb's Law. Quadrant Electrometer.

Wheatstone's bridge. Specific resistance. Resistance thermometers. Conductivity of electrolytes. Ionisation. Migration of Ions. Accumulators. Standard cells. The potentiometer system of measurements. Thermo-electricity and Themo-couples. Peltier and Thomson's effects. Electromagnetic Induction. Induction coils. Energy of circuit carrying current when placed in a magnetic field. Mechanical force on conductors carrying a current. Moving coil instruments. Ballistic galvanometers. Lenz's Law. Determination of Current, Resistance, and E. M. F. and Capacity in absolute measure.

Elementary theory of the Direct Current Dynamo and Motor.

The discharge of electricity through gases. Cathode rays, Hertzian waves and X-rays.

Thermionic valve.

Sound.—The transmission of energy through material media by wave motion. Speed of propagation of waves of permanent type. Forced and free vibrations. Resonance. Nature of musical sound. Pitch scales. Quality. The vibration of strings, and gas columns. Measurements of wave length, velocity and pitch.

Practical Course.—Candidates will be required to possess general acquaintance with the phenomena

and to make physical measurements dealing with these phenomena.

Properties of Matter.

(1) Young's Modulus by stretching of wire.
(2) Surface Tension of liquid by rise in a capillary tube and by Drop Method.
(3) Vicosity of a liquid by flow through a capillary tube.

Heat.

(4) Coefficient of Expansion of a liquid by Weight Thermometer.
(5) Constant Volume and Constant Pressure Gas Thermometers.
(6) Melting point of solid.
(7) Specific Heat of solids and liquids with Radiation Correction.
(8) Co-efficient of Thermal Conductivity of :—
    (*a*) Good conductors (Searle's method)
    (*b*) Bad conductors (Lees' method)
(9) Mechanical Equivalent of Heat.

Sound.

(10) Determination of Frequencies of tuning forks with a sonometer.
(11) Velocity of Sound by Kundt's tube.
(12) Melde's experiments.

Light.

(13) Refractive Index of a liquid and a solid by means of a Spectrometer.
(14) Focal lengths of mirrors and thin lenses using an Optical Bench.
(15) Wave length of monochromatic light by Diffraction Grating.
(16) Photometry.

Magnetism.

(17) Determination of 'M' and 'H'.

(18) Determination of Magnetic Dip.

Electricity.

(19) Measurement of Current by Tangent Galvanometer.

(20) Measurement of Specific Resistances of wire :—

  (*a*) by Metre Bridge.

  (*b*) by Post Office Box.

(21) Measurement of Internal Resistance of a cell by Potentiometer.

(22) Measurement of current by Potentiometer.

(23) Comparison of E. M. F.'s by Potentiometer.

(24) Measurement of Temperature Co-efficient of resistance of coil.

(25) Determination of Electro-Chemical Equivalents of H and Copper.

(26) Determination of the Mechanical Equivalent of Heat by Joule's Calorimeter.

(27) Measurements of Temperature by Thermo-Electric Couple.

(28) Comparisn of Capacities by Ballistic Galvanometer (Direct Deflection Method).

b (i) CHEMISTRY (MAIN).

Theoretical.

General and Physical—(Approximately 90 lectures)

N.B. Emphasis will be laid on the application of physico-chemical principles to industry.

1. Periodic classification of the elements, Radioactive properties of matter. Modern conception of the structure of the atom. Electronic theory of Valency treated in an elementary way.

2. Kinetic theory of gases. Important deductions from the theory. Van der Waal's equation.

3. Physical properties of liquids such as density, refractivity and optical activity and their relation to chemical constitution, treated in a general way.

4. Properties of solids, melting point and specific heat. Structure of crystals treated in a general way.

5. Solution of gases, liquids and solids in liquids. Henry's Law. Dalton's law of Partial pressures. Distillation of mixtures. Partition law.

6. Phase rule and its application to systems: Water; sulphur; potassium chloride water; lead-silver.

7. Thermo-chemical changes. Heats of reaction, formation, combination and solution, Hess's law First and Second Law of Thermodynamics.

8. Osmotic pressure. Van't Hoff's theory of dilute solutions, lowering of the vapour pressure, elevation of the boiling point, and depression of the freezing point of a solvent. Determination of the molecular weight of a dissolved substance.

9. Law of mass action. Its historical account, mathematical representation and application to homogeneous equilibria. Le-Chatalier's principle and its application to chemical equilibria.

10. Velocity of reactions in homogeneous systems. Uni-and bi-molecular reactions. Determination of the order of reaction. Catalysis in homegeneous and heterogeneous systems.

11. Ionic-theory. Migration of ions. Transport numbers. Specific equivalent and molar conductivity. Mobilities of ions. Absolute velocity of ions

12. Ostwald's dilution law: Ionisation of water Application of ionic theory to hydrolysis of salts and analytical Chemistry. Strengths of acids and bases Solubility product and its applications to qualitiative analysis. Neutralisation. Buffer solutions. Indicators and their action. Determination of PH values by means of indicators and buffer solutions.

13. Classification of colloids. General Methods of their preparation and purification. General properties of lyophillic and lyophobic colloids. Application of colloids to every-day life and Industry treated in an elementary way.

Inorganic:—(Approximately 90 lectures)

1. A study of the periodic classification of the elements.

2. The occurrence, preparation, properties and uses of the following elements and their chief compounds, outlines of manufacturing methods of those in italics:—

> *He,* Ne. A
> Li, Na, K, Rh, Cs, *Cu,* Ag, *Au,*
> Be, Mg, Ca, Sr, Ba, Zn, Cd, Hg, Ra,
> B, Al, Tl
> C, Si, Zr, Sn, *Pb,*
> N, P, As, Sb, Bi,

O, S, Se, Te, *Cr.* Mo, W, U,
F, *Cl, Br, I, Mn.*
Fe, Co, *Ni,* Pt,

3. Manufacture of sulphuric acid, nitric acid, sodium carbonate, calcium cyanamide, calcium nitrate, sodium nitrate, ammonium sulphate, cement, glass, matches, bleaching powder, white lead.

4. The reactions involved in the separation of basic radicals.

ORGANIC: (Approximately 90 lectures)

Modes of occurrence, preparation, properties and constitutional formulæ of the following together with a brief description of the methods of manufacture of those underlined:—

The Aliphatic compounds—Paraffins:—Methane, ethane, propane, butane, pentane, Isomerism.

Petroleum industry, separation of important fractions and their uses, Cracking, Flash point.

Halogen derivatives of the paraffins: methyl and ethyl halides, methylene chloride, ethylene and ethylidine chlorides, *chlorform, iodoform,* carbon tetrachloride.

Saturated monohydric alcohols: *Methyl* and *ethyl alcohols,* theories of fermentation, manufacture of beer, wines and spirits, Industrial alcohol, fusel oil, methylated spirit, alcoholometry, propyl and butyl alcohols.

Ethers: Methyl and *ethyl·* ethers. Methylated ether, simple and mixed ethers, Metamerism. Aldehydes and ketones: *Formaldehyde,* acetaldehlyde,

chloral, chloralhydrate, *acetone,* simple and mixed ketones, polymerisation and condensation.

Fatty acids:—*Formic acid.* acetic acid, mono, di and trichlor-acetic acids, manufacture of vinegar, propionic, butyric and valeric acids, oils, fats and waxes, Iodine value, saponification value. Manufacture of soaps, "Stearine" candles, Butter and butter substitutes.

Acid chlorides, anhydrides and amides:—Acetyl chloride, acetic anhydride, mixed anhydrides, formamide, acetamide.

Esters: Ethyl formate, ethyl acetate, ethyl nitrite, ethyl nitrate, amyl nitrite, ethyl hydrogen sulphate and diethyl sulphate.

Nitroparaffins: Nitromethane, nitroethane, Primary, secondary and tertiary nitroparaffins. Distinction between nitroparaffins and alkyl nitrites.

Amines: Methyl, dimethyl and trimethyl amines, ethylamine, Quaternary ammonium compounds.

Cyanogen compounds.—Cyanogen, hydrocyanic acid, methyl and ethyl cyanides and isocyanids, cyanogen chloride, cyanuric chloride, cyanic and cyanuric acids.

Sulphur compounds:—mythyl and ethyl mercaptans, ethyl sulphide, mustard gas, ethyl disulphide, ethyl sulphonic acid.

Alkyl compounds of phosphorus, Arsenic and silicon; methyl, dimtthyl and tri-methyl phosphines and arsines, Cacodyl, cacodyl oxide and chloride, Tetramethyl and tetraethyl silicon.

Alkyl compounds of zinc and magnesium, and their synthetic uses.

Unsaturated compounds:—ethylene, acetylene, allyl iodide, allyl alcohol, acrolein, acrylic acid, oleic acid, linoleic acid, linseed oil and its use in paints and varnishes, Hydrogenation of fats and oils.

Polyhydric alcohols:—Ethylene Glycol., *Glycerol, Nitroglycerine* and its use in explosives.

Carbohydrates:—Glucose, fructose, *galactose,* mannose, *saccharose,* lactose, maltose, starch, dextrin, *cellulose* and its important industrial uses.

Dibasic acids and their derivatives:—Carbonic, *Oxalic,* malonic, succinic, glutaric and adipic acids. Urea and uric acid, oxamide, malonic ester and its synthetic uses. Fumaric and maleic acids.

Hydroxy, amino and ketonic acids: Glycollic acid, Lactic malic and tartaric acids, Stereoisomerism. Glycine. Pyruvic and acetoacetic acids, acetoacetic ester and its synthetic uses, citric acid.

Aromatic compounds:—

Hydrocarbons: Distillation of coal tar, *Benzene, toluene,* xylenes, mesitylene.

Halogen derivatives of hydrcarbons:—chloro, bromo and iodo benzenes, dichlorobenzenes, chlorotoluences, benzyl chloride, benzal chloride and benzotrichloride.

Nitro and cyano compounds:—Nitro benzene, m-dinitro-benzene, nitrotoluenes, trinitrotoluene, phenyl and benzyl cyanides.

Amino Compounds and amines:—*Aniline,* me-
thylaniline and dimethylaniline, acetanilide, nitra-
nilines, chloranilines, toluidines, phenylene diamines.
Benzylamine.

Diazo compounds:—Diazo reaction and its syn-
thetic applications, diazobenzene chloride, nitrate and
sulphate.

Azo Compounds: Azobenzene, hydrazobenzene,
phenyl-hydrazine, *methyl orange.* Bismark brown.

Sulphonic acids:—Benzene sulphonic acid and
its chloride, sulphonation. Phenols:—Mono, di and
trihydroxy benzenes, cresols, nitro and amino pheno-
ls, picric acid.

Alcohols, aldehydes, ketones and quinones.—
Benzyl alcohol, *benzaldehyde,* cinnamic aldehyde,
salicylaldehyde, acetophenone, benzophenone, benzo-
quinone.

Acids: Benzoic acid, toluic acids, anthranilic,
salicylic, gallic, tannic, phenyl acetic, mandelic and
cinnamic acids. Phthalic acids.

Napthalene and its mono nitro, amine and hydro-
xy derivatives, Indigo.

Anthracene, anthraquinone, *alizarin.*

Heterocyclic compounds and Alkaloids.—Pyr-
role, pyridine, quinoline, quinine, cinchonine.

Practical (Approximately 140 practicals).

1. Analysis of mixtures of salts, containing not
more than four radicals.

2. Technical analysis of one are found in India, preferably in the Dominions, and one alloy.

3. Gravimetric estimation of Copper, iron, aluminium, calcium, magnesium, Sulphate, chloride, carbonate.

4. Volumetric analysis, comprising (a) titration of acids, alkalis and alkaline carbonates, (b) estimation of iron with permenganate and bichromate, (c) estimation involving the use of standard iodine and thiosulphate solutions, and (d) titrations involving precipitation.

5. Estimation of available chlorine in bleaching powder.

6. Estimation of available oxygen in pyrolusite.

7. Preparation of the following organic compounds. Chloroform, Ethyl bromide, Ether, Icdoform, Ethyl acetate, Oxalic acid, Nitro--benzene, Aniline, Phenol, Benzoic acid.

8. Preparation of some typical industrial products such as Sulphuric acid, caustic soda, bleaching powder, white lead, vinegar, soap, glycerine varnish, toilet powder, toilet cream, tooth paste, scent, hair oil, ink, essential oils from local material and a few pharmaceutical products in the form of extracts, tinctures, syrups, pills, tablets, and powder.

The preparation of the following pharmaceutical products is recommended:—

(1) Alcohol dehydratum, test of purity.
(2) Aqua Cinnamoni.
(3) Extracts: Nux-vomica liquidum, chemical assay for Strychnine.

(4) Syrups Ferri phosphatis cum suinine et strychnine (Easton's Syrup), chemical assay for iron, quinine and Strychnine.

(5) Tincture Digitalis (percolation method)

(6) Tincture gentianae composita (maceration method)

(7) Unguentum Zinci oxide.

(8) Siedlitz powder.

(9) Pulula Ferri Carbonatis, Sugar coating.

(10) Tablets—Aspirin and caffeine.

(11) Spiritus Ammonia Aromat.

(12) Spiritus Aetheris Nitrosi.

b(ii) CHEMISTRY (Subsidiary)

Theoretical.

General and Physical. (Approximately 45 lectures)

Laws of Chemical combination; Atomic theory; valency.

The simple Gas Laws; Molecular weight of gases; Dissociation of Gases.

Solution of gases, liquids and solids in liquids; Henry's Law, Dalton's Law of partial pressure: Distillation of mixtures; partition Law.

Osmotic pressure, Vant Hoff's theory of dilute solutions. Lowering of the vapur pressure; elevation of the boiling Point and depression of the freezing Point of a Solvent, Molecular weight of dissolved substances.

Law of mass action and its application to homogeneous systems.

Le Chatelier's Principle.

Velocity of reactions, Uni-,bi-and trimolecular reactions. Catalysis, treated in an elementary way.

Electrolysis, Faraday's Laws; theory of electrolytic dissociation; Specific, equivalent and molecular conductivity; migration of ions; transport numbers.

Thermochemical Changes; Hess's Law; heat of reaction, heat of formation, heat of cimbustion and heat of solution.

Radioactive property of matter. Modern conception of the structure of the atom, treated in an elementary way.

Inorganic:—(Approximately 45 lectures)

1. The Periodic Classification of the elements.

2. The occurence, preparation, properties and uses of the following elements and their chief compounds.

    H, Na, K, Cu, Ag, Au, Mg, Ca, Sr, Ba, Zn,
    Hg, B, Al, C, Si, Sn, Pb; N, P, As, Sb, Bi;
    O, S; Cl, Br, I, Mn, Fe, He, A.

Organic (Approximately 45 lectures)

Aliphatic:—Modes of occurence, preparation, properties and constitutional formulae of:—

Methane, ethane, their corresponding mono-halogen derivatives and their corresponding alcohols, aldehydes, fatty acids, and amines. Chloroform, idoform, acetone, acetyl chloride, acetamide, Dimethyl and di-ethyl ethers. Ethylacetate,

ethylhydrogen-sulphate, di-ethyl-sulphate, ethyl-aceto-acetate. Glycerol, Oxalic, succinic, and citric acids. Tartaric and lactic acids. Glucose, fructose (elementary ideas about their constitution), saccharose, starch and cellulose.

Isomerism:—Structural isomerism of paraffins and alcohols containing upto 5 carbon atoms. Alkyl nitrites and nitro-paraffins. Stereo-isomerism of lactic and tartaric acids.

Aromatic:—Benzene, and its mono-derivatives, viz., chloro, nitro, amino, hydroxy, and sulphonic derivatives. The diazo-reaction and its more important applications. Toluene, chloro-teluenes, nitro-toluenes, Benzyl alcohol, Benz-aldehyde, benzoic acid. Naphthalene.

PRACTICAL.

Qualitative analysis of inorganic substances, coning not more than two radicals.

Volumetric estimation of alkalis and acids, Estimation of Iron with permanganate. Use of standard iodine and thio-sulphate solutions. Use of standard silver mitrate and chloride solutions.

c(i) MATHEMATICS (MAIN SUBJECT).

Pure Mathematics.

Algebra:—Determinants—Systems of Linear.

equations—indeterminate equations—theory of equations including Symmetric functions of the roots sturm's Theorem—Solutions of the cubic and the bi-quadratic equations—linear transformations—inequalities—continued fractions—interest and annuities—simple tests of convergence of series—partial fractions Summation of series.

Coordinate Geometry of two dimensions:—Detailed study of the properties of the conic sections—the general equation of the second degree—Polar equations of conics—theory of plane curves, *viz.* tracing of curves, curvature, evolutes asymptotes)—Homogenous coardinates.

Coordinate Geometry of three dimensions:—Standard second degree equations—central sections and generators.

Colculus and Analysis (real variable):—Dedikinds theory of irrational numbers—limits—continuity—differentiation—Taylor's theorem and expansion in series—Riemann integral for a continuous function—rectification—quadrature—volumes and surfaces of solids of revolution—Geometrical and physical applications of the definite integral.

Functions of two variables:—limits—continuity—differentiation—Taylor's Theorems Maxima and Minima—envelopes—the double integral and its applications.

Complex Variable:—Elementary functions of a complex variable—complex differentiation and integration—conformal representation (excluding Riemann's theorem); positive series—Ordinary tests of Convergence—absolute and uniform convergence of infinite series and infinite products (fundamental ideas only).

Differential equations:—Elementary methods of solutions for the first and second order ordinary differential equations—singular solution—linear equations with constant coefficients—homogeneous linear equations—Simultaneous equations—solution in series—approximate solution—Lagrange's partial differential equation of first order—equations of heat, sound, waves, and potential.

Applied Mathematics.

Mechanics:—Resolution—Composition—Scalars and Voctors—Multiplication of vectors in two dimensions. Free motion of a particle in a straight line and on a plane—constrained motion of a particle in a st. line—resisted motion of a particle on a plane—motion of a system of particles in a plane—Motion of a rigid body about an axis.

Equilibrium of forces in two and three dimensions—virtual work—graphical statics—laws of friction—equilibrium of chains and strings in two dimensions.

Centre of pressure—resultant pressure—equilibrium of floating bodies—stability and meta-centre (Standard nearly the same as that of Lamb's Statics and Dynamics).

Astronomy:—Fundamental notions of spherical trinonometry—Explanation of the apparent motion of the celestial bodies—Celestial coordinate—astronomical instruments—the solar system—Kepler's Laws of planetary motion—equation of time—conversion of time—motion of the Moon and its phases—Eclipses of the Sun and the Moon—Astronomical dip, refraction, parallax, abberation, precession and nutation—latitude and longitude of a place—rotation of the Sun and the planets about their axes:.

Surface of the Sub-Solar Coronae and the prominances—Proper motions of the Stars—Star Cluster—Galactic and extra-galactic nebulae—Star magnitudes.

Probability and Statistics:—The probability of an event—the probability of several independent events happening togtther—expectation—Probable value—Frequency distribution—histogram—arithmetic mean—Standard deviation—Probable error.

c(ii) Mathematics (Subsidiary).

Algebra.—Simple tests of convergency of series. Exponential and Logarithmic Series. Simple cases of Summation of series. Determinants and their application in solving linear simultaneous equations and in elemination. Cardan's Solution of the Cubic.

Trigonometry.—De Moivre's Theorem and easy deductions therefrom. Hyperbolic Functions. Simple cases of Summation of Series.

Analytical Geometry of Two Dimensions.—

Cartesian and Polar Co-ordinates, Simple transformation of axes. Straight line, Circle, Parabola, Ellipse and Hyperbola. Tracing of curves given by the general second degree equation.

Differential and Integral Calculus.—Continuity of functions, differentiation (standard form), Successive differentiation. Mean value theorem, Taylor's and Maclaurins Theorems. Expansions, Indeterminate forms, Partial differentiation. Maxima and Minima of functions of a single variable. Points of inflexion, Curvature.

General methods of integration, standard forms, elementary reduction formulæ involving trigonometrical functions, definite integrals, rectification, quadrature, volumes and surfaces of solids of revolution, approximate evaluation of definite integrals, (Simpson's Rule).

Simple applications of the Calculus to physical examples. Elementary treatment of double and triple integrals. Centre of gravity and moment of Inertia.

Differential equations.—Equations of the first order, standard forms, lienar equations with constant co-efficients. Simple cases of particular integral.

Statics.—Composition and resolution of Coplaner forces, parallel forces. General conditions of equilibrium of a body under coplanar forces. Centre of gravity, work, simple examples of friction, machines.

Dynamics.—Uniform and accelerated motion in a straight line, Laws of motion, Impulse, Kinetic and Potential energy; Conservation of energy and Momentum. Projectiles. Direct impact of elastic bodies. Normal acceleration and its applications. Simple Harmonic Motion. Simple Pendulum. Units and Dimensions.

d(i) BOTANY (MAIN).

1. *External Morphology.*—The detailed morphology of the root, shoot, and reproductive organs, (including fruits and seeds), floral mechanisms and seed dispersal.

2. *Histology*:—The structure of the cell, the cell-contents, their micro-chemical reactions, cell-division (karyokinetic and other methods of division. The origin and growth of tissues, and their distribution; the secondary tissues of the flowering plants.

3. *Systematic*:—Principles of Classification. The Morphology, Physiology and Life-histories of the following groups and types:—

(*a*) *Cryptogams* ;—Bacteria, Cyanophyceae (Oscillaria, Nostoc, Gleocapsa); Diatomaceae; Chlrophyceae (Chlamydomonas, Pandorina, Eudorina, Volvox, Pleurococcus, Ulothrix, Oedogonium, Coleochaete, Cladophora, Vaucheria, Spirogyra, Zygnema, Desmids; Characeae, (Chara, Nitella); Phaeophyceae (Ectocarpus, Fucus, Dictyota), Rhodophyceae (Callithamnion, Batrachospermum Polysiphonia; Myxomycetes (General characters only); Phycomycetes (Phytophthora, Pilobus, Pythium, Mucor); As-

comycetes (Yeast, Eurotium, Penicillium, Claviceps) ;
Basidiomycetes (Ustilago, Puccinia, Agaricus, Poly-
porus), Lichens (General characters only) Hepaticae
(Riccia, Marchantia, Anthoceros); Musci (Funaria,
Polytrichum); Filicineae (Ophioglossum, Gleiche-
nia), Nephrolepis, Marsilia, Isoetales (Isoetes);
Equisetales (Equisetum) Lycopodiales Selaginella
and Lycopodium).

(b) *Pharerogams*:—Cycadaceae (Cycas; Coni-
ferae (Pinus); Gramineae Araceae, Palmae, Lilia-
ceae, Amaryllidaceae, Scitaminaceae, Orchidaceae,
Magnoliaceae, Anonaceae, Nymphaeaceae, Papavera-
ceae, Cruicferae, Capparidaceae, Portulacaceae, Mal-
vaceae, Sterculiaceae, Tiliaceae, Rutaceae, Meliaceae,
Ampelideae, Sapindaceae, Anacardiaceae, Legumin-
oceae, Combretaceae, Myrtaceae, Cucurbitaceae, Um-
belliferae, Rubiaceae, Compositae, Sapotaceae, Ebe-
naceae, Apocynaceae, Asclepiadaceae, Boragina-
ceae, Convolvulaceae, Solanaceae, Scrophulariaceae,
Bignoniaceae, Acanthaceae, Verbenaceae, Labiatae,
Loranthaceae, Urticaceae and Euphorbiaceae.

Note.—The representatives of the above families
to be taken as far as possible from the Deccan Flora,
some knowledge of plants of economic importance
will be expected.

4. *Physiology*:—Turgidity and Tension of tis-
sues, Nutrition, the food of plants and its absorption,
Osmosis, Root-Pressure, Conduction of food, Transpi-
ration, Photo-Synthesis; Digestion and transference
of the food products of assimilation; Storage of food,
the nutrition of parasites, saprophytes and insectivo-
rous plants, Respiration, Enzymes and the digestion
of reserve food, Growth, the effects of external influ-

ence on growth; Movements, Protoplasmic movements, Imbibition movements, Heliotropism, Geotropism, Chaemotropism, Contact stimuli and their effects.

5. *Ecology*:—The reaction of plants to their environments as illustrated by Aquatic plants, Hygrophytes, Mesophytes, and Xerophytes.

6. *Evolution*:—Variation, Heredity and Evolution.

Practical.

The practical examination shall include:—

(a) Examination and description of plants or parts of plants.

(b) Examination and description of microscopic specimens.

(c) Identification of specimens.

(d) The making of sections of plant parts for microscopic examination.

(e) A knowledge of micro-technique including fixing, staining and section-cutting.

(f) A practical knowledge of simple physiological experiments.

(g) At least ten permanent mounts must be prepared.

The students are expected to keep a complete record of laboratory work in a special note-book, which should be signed periodically by a member of the staff.

d(ii) BOTANY (SUBSIDIARY).

1. *External Morphology*:—The detailed morphology of the root, shoot, and reproductive organs (including fruits and seeds) and their dispersal.

2. *Histology*:—The structure of the cell, the cell-contents and their micro-chemical reactions, cell-division (Karyokinetic and other methods of division). The origin and growth of tissues and their distribution and secondary tissues.

3. *Systematic*:—Principles of classification. The morphology, physiology and Life-histories of the following groups and types:—

Cryptogams:—Bacteria; Cyanophyceae (Nostoc); Chlorophyceae (Chlamydomonas; Volvox; Oedogonium, and Spirogyra); Phaeophyceae (Fucus); Phycomycetes (Mucor); Ascomycetes (Yeast and Claviceps); Basidiomycetes (Puccinia graminis and Agaricus); Hepaticae (Marchantia); Musci (Funaria); Filicineae (Pteris and Marsilia); Equisetum; Selaginella.

Phanerogams:—Cycadaceae (Cycas); Coniferae (Pinus); Gramineae; Palmae; Liliaceae; Anonaceae; Papaveraceae; Cruciferae; Malvaceae; Anacardiaceae; Leguminosae; Myrtaceae; Passifloraceae; Cucurbitaceae; Compositae; Apocynaceae; Asclepiadaceae; Solanaceae; Labiatae; Urticaceae; and Euphorbiaceae.

4. *Physiology*:—Turgidity and tension of tissues; Nutrition—the food of plants and its absorption; Osmosis, Root-pressure, Conduction of food; Transpiration; Photosynthesis; Digestion and transference of the food products of assimilation; storage of food; Nutrition of parasites, saprophytes, and insectivorous plants; Respiration; reserve food; Growth-movements; Protoplasmic movements; Imbibition movements, Heliotropism, Geotropism, Chaemotropism, Contact stimuli and their effects.

5. *Ecology*:—The reaction of plants to their environments as illustrated by Aquatic plants, Hygrophytes, Mesophytes and Xerophytes.

6. *Evolution*:—Variation, Heredity and Evolution.

N.B.—Physiology and Ecology to be treated in an elementary way.

Practical.

The Practical Examination shall include:—

(a) Examination and description of plants or parts of plants.

(b) Examination and description of microscopic slides.

(c) Identifications of specimens.

(d) A knowledge of section-cutting and micro-technique including fixing and staining.

(e) A practical knowledge of simple physiological experiments.

Candidates should keep a complete record of Laboratory work in a special note-book.

e(i) ZOOLOGY (MAIN)

Paper I.—The general principles of Biology treated in an elementary manner, including the theory of Evolution, with elementary notions of Variation, Heredity and Adaptation (*e.g.* Commensalism, Parasitism and Symbiosis). Recapitulation hypothesis. The structure and phenomena of the animal cell, and the classification and characteristics of the common

forms of animal tissues. Sexual and Asexual modes of reproduction; Spermatogenesis; Oogenesis; Parthenogenesis; Alternation of generations, and Metamorphosis. General principles of Classification. The Elementary knowledge of the principles of Geological and Geographical distribution of animals. Evolution of horse and elephant. Archaeopteryx.

The outlines of the embryology of Amphioxus, the frog, chick and rabbit. Amnion and Allantois, Placentation.

An elementary knowledge of the histology and physiology of the various organs of the animal body as illustrated by Frog and Rabbit.

Paper II.—The structure, habits, and development of the following types of Non-chordata as illustrated by:

Protozoa—Amoeba; Monocystis; Malarial parasite; Paramoecium; Polystomella; Trypanosoma.

Porifera—Sycon.

Coelenterata—Hydra; Obelia; Aurelia; a simple coral (Fungia).

Platyhelminthes—Liver-fluke; Taenia.

Nemathelminthes—Ascaris.

Annelida—Pheretima (Earthworm); Nereis; Leech.

Echinodermata—Star-fish and a sea-urchin (general characters of the latter only).

Arthropoda—Prawn; Daphnia and Cyclops (general characters only); Cockroach; Anopheles; House-fly (Musca); Scorpion; and a Centipede (Scolopendra-External characters and mouth-parts.)

Mollusca—Fresh-water mussel (Unio) and Apple-snail (Pila).

Paper III.—The principal characteristics, structure, and habits of the following types of Chordata as illustrated by :—

·ACRANIA :—

    (a) *Hemichordata*—Balanoglossus.
    (b) *Urochordata*—Ciona or any other Ascidian from the Indian seas (Rhabdocynthia).
    (c) *Cephalochordata*—Branchiostoma (Amphioxus).

CRANIATA :—

    Cyclostomata—Petromyzon and *Hag-fish (general characters only).*

    Pisces—Carcharias or Scoliodon (The shark of the Indian seas) ; Ganoidei (General characters, with typical examples) ; "Murrel" or "Rohu"; Dipnoi (general characters only).

    Amphibia—The Frog (Rana tigrina). *General characters of Urodela and Gymnophiona, with typical examples.*

    Reptilia—Calotes or any other lizard. General characters of Lacertilia, Ophidia, Rhynchocephalia, Chelonia and Crocodilia, (with typical examples.)

    Aves—Columba. *Distinctions between Ratitae and Carinatae with typical examples.*

    Mammalia—The general characters of Prototheria and Metatheria as illustrated by Echidna and Kangaroo respectively. Rabbit. General Characters of the various orders of sub-class Eutheria with typical examples.

Practical Examination.

Candidates will be required to show a knowledge of simple microscopic technique and to examine, dissect, or describe the following:—

Amoeba; Monocystis; Malarial parasites; Paramœcium; Polystomella; Sycon; Hydra; Obelia; Aurelia; Fungia; Liver-fluke; Taenia; Ascaris; Pheretima; Nereis; Leech; Star-fish; and Sea Urchin (external characters); Prawn; Daphnia and Cyclops; Cockroach; Anopheles and Musca (mouth parts and external characters); Scorpion and Scolopendra (external characters only); Fresh-water mussel; Pila. Balanoglossus and Amphioxus (general characters); Ciona or Rhabdocynthia, Petromyzon and Hag-fish (external characters only); Carcharias (or Scoliodon); Lung-fishes (external characters only); Murrel; Frog; Lizard; Pigeon (skeleton of fowl may be substituted); four types of birds' skulls; Rabbit (or Squirrel); dog's skull may be substituted; and Echidna (limbs and limb-girdles only). Frogs' blood film preparation.

Museum study of the principal representative types of the Animal Kingdom.

Laboratory.—sketch-books containing complete record of bonafide work, as certified by the teacher, must be produced at the practical examination.

N.B.—Out of the marks alloted for the practicals 10 percent marks will be reserved for the practical records.

Total marks 130 for the two practical papers, each having 65 marks.

e(ii) Zoology (Subsidiary).

The examinotion shall comprise two theory papers and a practical test, having 70 and 60 marks respectively for each paper.

Elementary knowledge of the Animal cell; Asexual and Sexual modes of Reproduction; Parthenogenesis; Alternation of generations, and Metamorphosis. The elementary facts of Evolution, Heredity and Variation.

The elementary knowledge of the Principles of Classification, and those of Geological and Geographical Distribution of Animals. Elementary knowledge of the various kinds of tissues, and of the internal structure and functions of the various organs in Frog.

The structure, habits and development of the following types of Non-Chordata:

Protozoa—Amoeba; Monocystis; Paramœcium; Malarial parasite.

Porifera—Sycon.

Coelenterata—Hydra and Obelia.

Platyhelminthes—Liver-fluke and Taenia.

Nemathelminthes—Ascaris.

Annelida—Pheretima (Earthworm); and Leech.

Arthropoda—Prawn; Cockroach; Anopheles; Musca and Scorpion (general characters only).

Mollusca—Fresh-water mussel (Unio).

The structure, habits and principal characteristics of the following types of Chordata:

Hemichordata—Balanoglossus.
Urochordata—Ciona or any other Ascidian from the Indian Seas.
Cephalochordata—Branchiostoma. (Amphioxus).
Cyslostomata—Petromyzon.
Pisces—Dogfish (Scoliodon).

General characters of each group and external characters of the types only.

Amphibia—The Frog.

Reptilia—General characters of the class.

Aves—Columba.

Mammalia—General characters of the class. Rabbit. Outlines of the Embryology of Frog and Chick.

Practical Examination

Candidates will be required to show a knowledge of the simple methods of microscopic technique, and to examine, dissect or describe the following:

Amoeba; Paramœcium; Monocystis; Hydra; Obelia; Liver-fluke; Taenia; Ascaris;

Pheretima (Earthworm); Leach; Prawn; Cockroach; Fresh-Water mussel; Scoliodon; Frog.

Pigeon (Skeleton of *Gallus* may be substituted);

Rabbit or Squirrel (Skull of *Canis* may be substituted).

Museum study of some of the principal representative types of the Animal Kingdom.

Candidates must produce their practical records duly signed by the teacher at the time of the examination.

f. GEOLOGY (SUBSIDIARY).

I. *Physical Geology*:—

General view of the earth—the earth as a member of solar system; larger features of the earth. Rocks the primary documents of the Geology; the scope and method of Geology. Rock weathering and its part in erosion; decomposition and disintegration of rocks. Influence of topography and rock-composition; product of weathering. Soil types determined by climate.

Running Water:—Origin and significance of streams fluvial processes and their application to stream valley. The fluvial cycle in humid, semi arid and arid regions. Source, extent and movements of sub-surface water. Origin, climate control, and life history of lakes and their indirect functions. Swamps and their economic value Glaciers and glaciation. Erosion and deposition by wind and sea. Volcanoes and Volcanism, fuma-roles and hot springs. Nature and origin of earth-quakes. Seismograph and interpretation of seismograms. Geological effects of earthquake.

Characteristic features and mode of occurance of igneous, sedimentary and metamorphic rocks. Deformation of the earth's crust. Inclination of stratas; dip and strike, all kinds of Folds, Anticline and syncline. Joints in stratified, igneous and metamorphic rocks and their practical importance. The general features and different kinds of faults and their surface expression. Common features of unconformity and its relation to earth-history.

Origin and history of mountain system. Landforms Mineral resources and their relation to Geology. Ore deposits and their classification.

II. *Palaeontology and Stratigraphy*:—

Fossils; their definition, occurance and significance Evolution of important forms and superposition; condition and place of fossil occurance.

Classification, distribution and range of leading fossils, Geological record and its imperfections.

Geology of Crystalline, and metamorphic rocks of India. The Gondwana system. The Deccan traps and tertiary deposits. Geology of Indian peninsula.

III. *Crystallography and Mineralogy*:—

Laws of Crystallography; form and symmetry; systems of notation. Classification of crystals into six systems and thirty-two types. Twinning axis and twinning planes. Use of contact Goneometer.

Mineralogy:—

Definition of minerals, their determination by physical properties and chemical tests. Examination of the optical properties of important Rock-forming minerals in thin sections. Characteristic minerals of Geological interests or commercial value; their properties, mode of occurance and uses.

IV. *Petrology*:—

Principal divisions of rocks; igneous, sedimentary and metamorphic; their origin, mode of occurance, composition, structure and texture. Megascopic and microscopic examination of the common types of rocks.

Practicals:—

Interpretation and drawing of simple geological maps and sections. Identification of minerals by physical properties and chemical tests. Identification of more common rocks by megascopic and microscopic examinations. Drawing of crystals and identification of their form and system.

Excursions:—

Excursions to any place of geological interest under the immediate guidance of the professor. The aggregate time spent on the excursions shall not be less than ten days during the course.

Note:—In the practical examination candidates must present their note-books containing the description of practical class-work and field work performed in the course of their studies duly dated by the student and signed by the teacher.

g. DOMESTIC SCIENCE (SUBSIDIARY).

Home Economics.

I. Home Management.   *II. Home Technology.*

1. Bio-Chemistry.
2. Dietetics and Food Bacteriology.
3. Problems of Adjustment in family and home.
4. Textile. Laundry Bleeching and Dyeing.
5. Technology of Cookery.

1. Mothercraft.
2. Bacteriology, Sanitation Science and Hygiene.
3. Interior Decoration.
4. Purchasing of House-hold equipments.
5. Psychology. Mainly Child Psychology.
6. House-hold and Social Economics.
7. Physiology and Hygiene.

1. HOME MANAGEMENT:—

1. *Bio-Chemistry*:—

(*a*). Chemical and physical nature of such proteins, fats and carbohydrates, fats and mineral matter as are met with in food.

(*b*). Metabolism of food.

(*c*). Vitamins.

(*d*). Chemical and physical nature of animal tissues, bones, muscles, blood and glands.

(*e*). Enzymes of the body and their action.

(*f*). Chemical and physical nature of animal secretions such as milk.

(*g*). Inorganic salts of the body.

(*h*). Chemistry of Urine, perspiration, digestion, blood, respiration.

(*i*). Chemical defence of the body, against the action of poisonous substances.

(*j*). The fundamental principles and practice gravimetric and volum-metric analysis as used in good chemistry.

(*k*). Determination of moisture, protein fat, sugar, ash in common food materials.

(*m*). Detection of food preservatives and adulterations.

2. *Milk*—The separation of constituents. Determination of specific gravity of total solids of Ash of protein and lactose and of fat by (*a*) Babcock (*b*) The Werner Schmidt method.

3. *Butter*—Determination of water, fat, and curd, ash.

4. *Cereals*—Microscopical examination of starches. Determination of gluten and cruds fibre in flour.

5. *Yeast*—Its action as a raising agent and its action in the operation of fermented beverages. Preparation and analysis of vinegar.

6. *Baking Powder*—Their general qualitative examination determination of carbon dioxide and starch.

7. *Beverage*—Non-Fermented.

2. *Dieletics and Food Bacteriology:—*

Nutritive value of carbohydrates, proteins and fats of food.

Vitamins and deficiency diseases.

Mineral salts in relation to food requirements.

Caloric value of foods.

Nutritive table meats and fish, cereal foods, oils.

Vegetable and pulses, milk and milk products.

Diet for children of varying ages.

A balanced diet for adults.

Diets for pregnancy and lactation, constipation, diabetes. Invalid diets.

Food deterioration. Preservation and storage of food stuffs.

The normal and pathological bacteriology of milk, butter and cheese. The essentials of an adequate diet based upon the nutritive properties of food materials.

Application of these facts in the light of physiology made to the feeding of the individual throughout infancy, child hood, adolescence, adult life and old age.

3. *Problems of Adjustment in family and home:—*

The Theory of principles of Book-keeping. Cash Accounts. Budgetting. Saving Banks. Issuing of Cheques. Investments.

4. *Textile (Fibres and Fabrics). Laundry and Applied Chemistry:—*

The Structure, chemical composition and properties of the chief textile fibres and their utility according to composition and weave.

The testing and analysis of fibres and fabrics.

Properties and nature of textile. (Reference to Boston).

Bleeching and dyeing by commercial and indigenous dye stuff.

Chemistry of Stain removers and bleechers.

Chemistry and nature of dyeing process.

Classification of dye stuff.

Dry cleaning, disinfection of linen.

Latest equipment of laundries.

Modern labour saving devices.

5. *Technology of Cookery*:—

   (*a*). Principles and methods of cookery based on dietetic principles underlying principles of the Cookery of different foods and calculation of the cost of foods prepared.

   (*b*). Standarized methods of cookery on the basis of the composition of foods.

   Special consideration given to the preparation of attractive dishes, with special reference to the place in the menu, stress being laid on choice, appearance, texture food value and cost of meals. Advanced and special preparation. Receipts to be given and the finding of the caloric value of the dishes prepared.

III. Home Technology:—

   (1). Mothercraft. St. Jonn's Ambulance Certificate.

      Definition and scope. Enumeration of sections covered by other parts of course. Standards of living. Habits. Happy

motherhood. Habits physical, mental spiritual aesthetic. Birth, the infant, the toddler, the older child, normal development and care. Care of the sick child. Child psychology. The importance of the father in the family. Social relationships.

(2). *Bacteriology—Sanitation and Hygiene:—*

The nature, structure and functions of bacteria, the sterlization of media and apparatus, the fundamental principles of immunity. The fundamental principles and their application to disease, preparation as they relate to water supply, milk supply, general food supply the disposal of waste, sewage and garbage, ventilation, lighting, heating and housing.

(3). *Interior Decoration*—Appreciation of colour and design.

House planning, room arrangement, lighting, making of plans, model rooms and furniture to scale.

Application of the history of furniture to present day circumstances.

Acquaintance of period decoration in tapestries, furniture pewter ware, glass and China. Cutting out and making of pictures. Laying of tables and period decoration.

Discuss and study intelligently the relatives merits, of distemper - paint - enamel wall - paper - panelling.

The cost and durability, the importance spray painting and latest modern devices.

The use of colour and study of illustration of merchandise and visits to an art museum for the purpose of studying textiles - furniture of the various countries. ceramics (pertaining to the manufacture of porcelain and the earthen ware.)

(4). *Purchasing of Household equipment* :—

Requirement for activities related to labour saving house efficiencies - cookers - independent boilers. Utensils for providing and storing of food for the family and different preparations of food - decoration meal service.

Equipment for activities related to clothing - work materials - tables for cutting out and other sewing and embroidery machines.

Equipment for activities related to home laundry - laundry tubs - ironing boards - iron (various) peggys wash-boards - boilers.

Equipment for study of home management - cabinets - chairs settees - tables - divans - takhts - dressers - masnad - gaotakia - cushion.

Equipment for care and guidance of health and home care of the sick - medicine cabinets containing bandage and emergency supplied medicines - bed rest and bed side

table - blocks for raising ordinary beds in illness - bed-linen - weighing scales bed pulleys and cage.

(5). *Household and Social Economics* :—

(*a*). An outline of the economics and industrial history of India. The influence of economic and idustrial condidtions on the home.

(*b*). The factors influencing the price of commodities - demand price - supply price - wages - rent - capital and its remuneration Modern industrial problems especially such as concern women and children.

(*c*). The state and the individual. Social responsibility with reference to the infant, the child, the adult. Problems of infantile mortality. Public health - education - crime - mental defective - destitution and employment.

Definition and scope of civics. Its relation to other sciences. Evolution of civic ideas. The historical development of the Indian Civilization and the Civic ideas. Citizenship with reference to family, village, town, district, province, country and the empire.

Forms of status and Governments. Functions of Government, Constitution. The Indian Administration. Reform Movements and formation of Associations. Social Economics.

(6). *Psychology*—Psychology as a science. Methods of Psychology. The General structure of the nervous system and its influence on mental life. Phenomena of men-

tal life. Mental Hygiene. The difficult child. The problems of adolescence. Simple abnormal psychology. Individual difference due to race heredity, enviroment, maturity. Sex. Intelligence tests. The super-normal child. The backward child. The ways of learning - habit forming, remembering and forgetting - fatigue and boredom.

(7). *Physiology and Hygiene.*—

(*i*). *Physiology*:—

(1). Structural principles.

(2) Hiochemical principles.

The elementary constituents of protoplasm - - the proximate constituents. (a) the lipoides, (b) the carbo-hydrates, (c). Proteins - the Phenomens of Organic Synthesis.

(3). Biophysical Principles.

The energy of nolecules in solution - the properties of colloids - the passage of water and solutes through membranes - the electrical changes in living tissues - catalytic and enzyme action.

(4). Muscle:—

Structure - excitation - mechanical changes during contraction - chemical composition and changes during activity-electrical changes - plain muscle and other contractile tissues.

(5). Nerve:—

Structure - excitation - mechanical changes during contraction - nerve impulses - excitabili-

ty - polarization phenomena - nature of nerve impulse.

(6). The Autonomic Nervous System.

(7). The Central Nervous System.

General features—structures of nerve cells-degeneration and regeneration - synopses - reflex action - chief tracts - general sensation - voluntary movements. The different parts of the central nervous system, speech.

(8). Special Senses.—

    (a). Eye—Structure of eye ball - nourishment and properties of eye - the optical system of the eye refraction.

    (b). Ear—Sound - structure of auditory apparatus - phenomena of hearing.

    (c). Sensation of smell and taste.

(9). Nutrition.

Metabolism - starvation - significance of food - stuffs - Vitamins - normal diet of man.

(10). Psychology of Digestion.

Digestion in mouth - stomach - intestines - deglutation - Movements of stomach and intestine -digestive juices.

(11). Absorption of Foodstuffs.

(12). Intermediate Metabolism.

(13). The blood.

Quantity and composition - cells - the coagulation of blood.

(14). Physiology of the Heart.

(15). Blood vessels and circulations.

Structure of blood vessels. Elementary hydrodynamics of the circulation - blood pressure - circulation through arteries - capillaries and veins - nervous control of blood vessels - pulmonary - hepatic and cerebral circulation.

(16). The Spleen.

(17). Lymph - Tissues fluid - Cerebro-spinal fluid.

(18). Respiration.

Respiratory organs - respiratory movements - composition of gases.

(19). Renal Excretory System.

Composition of urine - secretion of urine - Physiology of maturation.

(20). The skin and body temperature.

(21). The Endocrine Organs.

(22). The Reproductive System.

7. *Physiology and Hygiene*—(contd).

(*ii*). *Hygiene*:—

Water—Sources, purification, storage, distribution, water-borne diseases.

Food and Dietetics—Constituents, Vitamins, relation to health, milk and dairy-farming.

Air, Meteorology and Climate.—

Disposal of Sewage—Scavenging, Conservancy, privis, latrines, pail-system, water-carriage, system. Disposal - Trenching, incineration, Biological Treatment.

Housing.—

Lighting - Ventilation.

Personal Hygiene.—

Schools.—

Medical inspection of—

Children-Welfare Centres—

Maternal and Infancy morality, Birth control and Eugenics.

Preventable Diseases.—

Animal parasites and insect carriers. Hospitals. Rural Hygiene and Fairs.

Occupational Diseases and Offensive trades. *Burial.*

Vital Statictics.

III. Muslim Theology or Morals.

(h) دینیات

مذہب ۔

اس کی عام حقیقت، غرض و غایت ۔ مذہب کا علوم عقلیہ
یعنی حکمت (سائنس) اور فلسفہ سے تعلق ۔ فلسفہ کے مسلک ۔
مادیت کا اثر مذہب پر ۔ مسلک مادیت کے سمجھنے کیلئے
خود مادہ پر بحث ۔ دین فطرت یعنی اسلام ۔ یورپ کے
اثرات سے مذہب کیوں گھٹ رہے ہیں ۔
وجود باری اور اسکے یقین کے اسباب ۔
خالق عالم ۔ خالق و مخلوق کا باہمی تعلق ۔ ربوبیت و قیومیت
کے مظاہر ۔ توحید ۔ صفات ۔

وزح و ملائکہ ۔

روح کی حقیقت ۔ اس کے احوال و آثار ۔ اس کی بقا ۔ ملائکہ
کی حقیقت پر بحث ۔ جن و شیاطین کی حقیقت ۔

رسالت :۔

نبوت کی حقیقت ۔ اس کی ضرورت وغایت ۔ رسول کی
پہچان ۔ اسکی تعلیم و کتاب ۔ معجزات اور ان کے لواحق ،
امکان ۔ وجود ، شہادت ، انکا دلیل نبوت ہونا ۔ وحی ۔ الہام
عموم نبوت محمدیہ ۔ ختم نبوت ۔ نسخ ادیان ۔ خلافت الہیہ۔

معاد :۔

سزا و جزا ۔ عذاب قبر ۔ قیامت ۔ جنت و دوزخ ۔ تقدیر ۔
جبر و اختیار ۔ خیر و شر۔

شریعت و طریقت :۔

کلام مجید و احادیث پر آنکی بناء ۔ آنکے اختلافات کی نوعیت ۔

اخلاقیات (i)

پہلا حصہ

۱ ۔ تمہید ۔ مسائل اخلاقیات اور اجتماعی فلسفہ ۔ اخلاقیات کا تعلق
تمام انسانی علوم اور تمام انسانی ادارں سے ۔ اخلاقیات کی قدر
و قیمت ۔ اخلاقیاتی قدر و قیمت اور دوسری اقدار ۔

۲ ۔ انسان حیاتیات و نفسیات کی روشنی میں ۔ فطری اور اجتماعی
ماحول کا اثر انسان پر ۔ فرد اور شخصیت کا تصور تحقیقات

جدیدہ کی روشنی میں نفس یا ذات ۔ تربیت نفس ۔ ماحول اور
فضا کی اہمیت میں مبالغہ۔ نظریۂ ارتقا کا اثر اخلاق پر ۔

۳ ۔ انسانی جماعتوں میں ارتقائے اخلاق کی تاریخ کا خاکہ ۔ نہایت
ابتدائی حالت سے لے کر ابتك انسانی جماعتیں کن اخلاق مدارج
سے گذرین یا گزر رہی ہیں ۔ مختلف اقوام کے رسم و رواج،
مذاہب اور قوانین ۔ اخلاقی تصورات کی تدریجی ارتقاء انفرادیت
اور شخصی ذمہ داری کا احساس۔ جدت اور اصلاح ۔ قانون سازی
کا جدید دور اخلاق قومیت کا تصور اور اس کے تاریك اور
روشن پہلو۔ انسانیت کا نصب العین ۔ انسان کا مستقبل ۔

دوسرا حصہ

۴ ۔ اصول و معیار اخلاق ۔ تمہید ۔ اخلاق اور عقل ۔ فرض اور
ذمہ داری ۔ جبر و اختیار۔ خیر و شر ۔ فضیلت و سیرت ۔ بعض
قدیم نظریے ۔ عقلیت ۔ لذتیت و افادیت ۔ تصوریت ۔ کمالیت یا
تکمیل نفس ۔ انسان دوستی ۔

تیسرا حصہ

۵ ۔ تہذیب و شائستگی اور فنون جمیلہ ۔ تہذیب اور فنون جمیلہ کے
خطرے ۔ دولت اور تہذیب و شائستگی ۔ عمومی انسانیت ۔ تعلیمی
قوتیں ۔ مطبع ۔ اعلی تعلیم۔ اسکے معاشی پہلو ۔ جامعے کے اجتماعی
وظائف ۔ تعلیم میں کمیت و کیفیت ۔ اعلی قابلیت کے معیار و شرائط ۔
علوم و فنون کی ترقی کا اثر اخلاق پر ۔ تہذیب اخلاق کا تعلقی طریق
تعلیم سے ۔

٦ ـ آزادئ رائے اورآزادی تحریر و تقریر ۔ اس کی مستثنیات ۔ آزادی
رائے پر پابندیاں عائد کرنے کی ضرورت ۔ کیا ہمارے اخبار
آزاد ہیں؟ عوام کو ان سے کس طرح نقصان پہنچتا ہے ۔ اصلاح
کی صورتیں ۔

٧ ـ قوم کے مستقبل کے پیش نظر دماغی اور جسمانی صحت ۔ حصول
صحت کے غلط تصورات اور غلط طریقے ۔ کھیل تفریح کی
موجودہ خرابیاں ۔ بہتر ماحول کی ضرورت۔ شہری زندگی کے
خطرناک اور مضرت بخش اجزاءکا ارتفاع ۔ بلدیات کے فرائض۔

٨ ـ کتبے کا مقام اخلاقی تربیت میں ۔ انتخاب زوج ۔ وحدت زواج ۔
کثرت ازدواج ۔ از دواجی ناکا میاں ۔ طلاق ۔ صنفی خواہش
کی تکمیل کے غلط طریقے ۔ معاشری پابندیوں کے فوائد اور
نقصانات ۔ عورت اور مرد کا جسمانی اور دماغی فرق ۔ صنف نازك
اور فطرت۔ تخصیص عمل اور تقسیم کار۔ کیا عورتوں اور مردوں
کے حقوق وفرائض اور اخلاق فضائیں جدا جدا ہیں ؟

٩ ـ فرد اور جماعت کی موافقت اور مخالفت ۔ فرد اور جماعت کے اغراض
ومقاصد میں حقیقی موافقت کیسے پیدا ہوسکتی ہے ۔ انفرادیت ۔
اجتماعیت ۔ آزادی فرد ۔ آزادی قوم ۔ سیاست اور اخلاق ۔ حکومت
کے مختلف طریقے افراد میں کس کس قسم کا فرق پیدا کرتے
ہیں ۔

١٠ ـ مختلف اقوام کے باہمی تعلقات ۔ کیا وہی اخلاق جو افراد قوم
میں باہم ملحوظ ہوتے ہیں ۔ اقوام کے مابین بھی برتے
جاسکتے ہیں؟ بین الاقوامی قانون ۔ جمعیت الاقوام ۔ بین الاقوامی
عدالت ۔ ایك قوم کا دوسری قوم پر حکومت کرنا کہاں تك حق

بجانب ہوسکتا ہے ۔ قانون بقائے اصلح کی رو سے کیا یہ ضروری ہے کہ انسانی جماعتوں میں بھی طاقتور جماعتیں کمزور جماعتوں کو فنا کردیں ۔

۱۱ ۔ عمومیت ۔ کیا عمومیت نا کام دھی ہے ۔ عمومیت کی تحدیدات ۔ چند سری حکومت ۔ نسلی اور قومی افتخار ۔ توارث اور ذھنیت ۔ عمومیت اور تہذیبی ماحول ۔ عمومیت اور فطرت انسانی ۔ معاشی تسلط ۔ اقتدار ۔ طبقات و مدار ج کا اختلاف ۔ بہتر طریق تعلیم اور بہتر تربیت اخلاق سے بہتر نتائج پیدا ہوسکتے ہیں ۔

۱ ۔ معا شیات اور اخلاق ۔ پیدائش وتقسیم دولت ۔ سرمایہ داری ۔ عمومیت ۔ اشترا کیت ۔ اشتمالیت ۔ کلوں کی تہذیب ۔ دولت کا اضافہ بےسمی ۔ وراثت ۔ اسراف ۔ نظر یہ اجر و جزا ۔ کیا ہر شخص کو اسکی جائز ضرور یات کے مطابق معاوضہ ملنا چاھئے یا اسکے کام کی نسبت سے ؟ کیا کاموں اور پیشوں کی تقسیم کیا اعلی اور ادنی میں ہوسکتی ہے ؟

۱۳ ۔ عدل یا انصاف ۔ قانون اور انصاف ۔ قانون کو ضرور یات کے مطابق تغیر پذیر ہونا چاھئے ۔ کیا بعض قوانین اٹل بھی ہوسکتے ہیں ؟ قا نون میں شخصیت کا تصور ۔ شہری و سیا سی حقوق ۔ کیا قانون کو سب پر یکساں طور پر عاید ہونا چاھئے ۔ نظر یۂ سزا ۔ آیا سزا انتقامی ہونی چاھئے یا امثالی یا اصلاحی ۔ عذاب اور اصلاح ۔

۱۴ ۔ مسئلۂ صلح وجنگ ۔ کیا اقوام کے درمیان انفصال تنازعات کے لئے جنگ کی بجائے زیادہ مہذب طریقے کار گر ہوسکتے ہیں ؟ تشدد اور عدم تشدد کے اخلاق پہلو ۔ یہ کہاں تک صحیح ہے

کہ جنگ اخلاق عالیہ پیدا کرتی ہے جو کسی اور طریقے سے
پیدا نہیں ہوسکتے؟ کیا انسان کی جنگ جو یا نہ حیات سے، تربیت
کی بدولت ، بہتر کام نہیں لیا جاسکتا ۔ اقوام میں باہمی تنازعات
کے اسباب وو جوہ کو دور کرنے کی صورتیں جو مستقبل میں
پیدا ہوسکتی ہیں ۔

۵ا ۔ مذہبی اختلافات ۔ شدت رائے ۔ تعصب و عدم رواداری اور
مستقبل ۔ باہمی رواداری اور بے تعصبی کے حصول کیلئے کیا
طریق عمل اختیار کیا جاسکتا ہے ۔ مذاہب میں ایک بڑی حد تک
اخلاقی تعلیم کی مماثلت ۔ مختلف مذاہب کے امتیازی فضائل
اخلاق ۔ دوسرے ۔ مذاہب کا احترام ۔ مذہبی فرقہ بندی ۔
مذاہب کے اغراض و مقاصد ۔ اجتماعی اخلاق اور مذہب کا
ربط و تعلق ۔ مذہبی ایجابیت کی دشواریاں ۔ انسان اور فطرت ۔
عقائد کی ضرورت ۔ مذاہب عالیہ کے مختلف اخلاقی عناصر ۔

———

E.
M. A. & M. Sc. EXAMINATIONS.

M. A. EXAMINATION.

1353 and 1354 F. (1944 and 1945).

1. An examination for the degree of Master of Arts shall be held annually in Hyderabad at such time and on such dates as may be prescribed by the Syndicate.

2. The M. A. Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu unless otherwise notified.

3. The examination shall be open only to Bachelors of Arts and Bachelors of Science of the Osmania University or Bachelors of Arts or Bachelors of Science of a recognised University who have passed the B.A., or B.Sc. Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University.

No candidate shall be allowed to put in regular attendance or to appear at the M.A. and LL.B. Examination at one and the same time.

4. No student will be allowed to appear at the examination unless he has put in 70 per cent. attendance in each of the subjects of his course for the examination. The Syndicate may, however, condone the deficiency in attendance not exceeding 5 per cent. on special reasons, especially ill-health when the application is supported by a certificate by an authorised Medical Officer. which can satisfy the Head of the Institution.

A member of the U.T.C. shall be permitted to count as attendance the periods spent on duty in connection with the University Training Corps Camps.

Students attending Inter-University Tournaments or Debates will be entitled to the same privilege.

Note—(1) Only those candidates will be allowed to take up Mathematics for their M.A. Examination who have graduated with Mathematics as their main subject.

(2) Lady candidates shall be allowed to appear privately in the examination in Arabic, Persian and Urdu only.

(3) M.A. Examination in Theology shall be open only to Bachelors of Theology of this University.

5. Whole time teachers employed in the Educational Institutions recognised by the University will be allowed to appear privately at the M. A. Examination provided they are certified by the Divisional Inspector of Schools to have rendered continuous and approved service for not less than three years previous to the date of their application for permission to appear at the examination.

6. A candidate for admission to the M. A. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 60. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

7. The examination shall be held for the present in the following subjects :—

1.	English.	5.	Urdu.	9.	History.
2.	Arabic.	6.	Marathi.	10.	Economics.
3.	Sanskrit.	7.	Telugu.	11.	Philosophy.
4.	Persian.	8.	Kannada.	12.	Mathematics.

In Arabic, Persian, Urdu, History, Economics, and Philosophy there will be two Examinations—Previous and Final—and the candidates will be examined at the end of each year.

(1) ENGLISH.—

There shall be 8 papers of 100 marks each and a viva voce :—

1st Paper:—Part (1) The development of the English Language from early to modern times.

Part (2) Chaucer.

2nd Paper Shakespeare and the Elizabethan Drama.

3rd.   ”   Spenser to Milton.

4th   ”   Dryden to Johnson.

5th   ”   The Age of Wordsworth.

6th   ”   Victorian Literature.

7th   ”   Contemporary Literature.

8th   ”   Essay on a literary subject.

N.B. (1) Candidates securing at least 45 per cent. in the aggregate in the B.A. Examination in English will be admitted to the M. A. Class.

(2) Candidates should secure not less than 30 per cent. in Paper I.

(3) The Minimum for passing the Examination is 40 per cent of the total marks. Successful Candidates obtaining not less than 60 per cent of the total marks shall be placed in the first class, those obtaining less than 60 per cent. but not less than 50 per cent. in the second class and the rest in the third class.

(2) ARABIC.—

Previous Examination :—(Four papers)   400 marks

1st Paper—Poetry..	..100 ,,
2nd Paper—Prose..	..100 ,,
3rd Paper—Translation from Urdu into Arabic and Composition	..100 ,,
4th Paper—Grammar, Rhetoric, Prosody & Poetic Criticism	..100 ,,

Final Examination (Two Papers and a Thesis.) .400 ,,

1st Paper—*a.* History of Arabic Literature from the Jahiliyat to the present day   ..100 ,,

N.B. Students will be required to study particularly the Litirary History of the Abbasid Period.

b. History of Arabic Language.

2nd Paper—*a.* French or German. Grammar and Translation into Urdu of easy French or German passages   .. 50 ,,

b. Prose & Poetry (Modern) 50 ,,

Thesis & Viva Voce..   ..200 ,,

The Thesis will be of about 50 pages and will be written under the supervision and with the advice of the professor concerned, on a subject approved by the Board of studies in Arabic.

The Examiners of the Thesis will also hold a *viva voce* examination to satisfy themselves that the students have made use of original sources.

(3) SANSKRIT :—

8 Papers of 100 marks each.

1st Paper—Veda.
2nd   '' —Poetry, Prose and Drama.
3rd   '' —Grammar and Prosody.
4th   '' —Poetics.
5th   '' —Comparative   Philology   with special reference to Sanskrit.
6th   '' —History of Sanskrit Literature.
7th   '' —Translation from Urdu into Sanskrit and Vice Versa.
8th   '' —Essay either in English or in Urdu on the subjects prescribed for the Course.

(4) PERSIAN :—

Previous Examination :—Four papers   400 marks
    1st Paper—Poetry (Classical)..   ..100   ''
    2nd '' —Prose   '' 100   ''
    3rd '' —Set composition in Persian on modern topics 100   ''
    4th Paper—Translation into Urdu from books prescribed in Arabic and Persian Rhetoric & Prosody..100   ''

Final Examination :—(Two papers and a Thesis) 400   ''
    1st Paper—Literary history of Persia from the earliest times to the Mongols 100   ''

2nd Paper—Literary history of Persia from
the Mongol Period to the
present day   ..   ..100 Marks

Thesis 200   ,,

The Thesis will be of about 50 pages and will be written under the supervision and with the advice of the professor concerned, on a subject approved by the Board of Studies in Persian. It will be valued by two or three experts. There will be a *viva voce* Examination. The candidate will have to satisfy the examiners that he has availed of original sources.

The Thesis may be submitted on any one of the following subjects :—

(1) Evolution of the Persian Language and Literature.

(2) Literary criticism of any particular period.

(3) Research in any particular branch of Literature.

(4) Lives of famous authors and reviews on their works.

(5) Critical edition of an important work with an introduction to it.

(6) Development of the Persian language in India.

(7) Treatment of any controversial problem relating to the history, literature and civilization of Persia in the light of modern research.

(5) URDU :—

Previous Examination :—Four papers   ..400 marks

1st Paper—Old Urdu.. 100   ,,

2nd   ,,   Poetry 100   ,,

3rd   ,,   Prose 100   ,,

4th   ,,   Essay 100   ,,

Final Examination :—(Two papers and a Thesis) 400   ,,

1st Paper—History of the Urdu Language
and Literature 100   ,,

2nd   ''   Hindi Bhasha   ..   ..100 Marks

Writing a Thesis or editing a book   ..200   ''

The Thesis will be written with the advice and under the supervision of the Professor concerned on a subject recommended by the Professor and approved by the Board of Studies in Urdu.

Only those candidates will be admitted to the M. A. Examination in Urdu or Persian who have graduated with Urdu and Persian.

(6) MARATHI :—

8 Papers of 100 marks each.

Principal (Marathi)

1st Paper Ancient Poetry.

2nd   ''   Medieval & Modern Poetry.

3rd   ''   Prose (Ancient & Modern).

4th   ''   Philology and History of Language.

5th   ''   History of Literature, Rhetoric & Prosody.

6th   ''   Essay.

Subsidiary (Sanskrit)

1st Paper Poetry & Drama.

2nd   ''   Prose & Prakrita

(7) TELUGU :—

8 Papers of 100 marks each.

1st Paper—History of the Language, Philology and Grammar.

2nd   '' —History of Literature & Criticism. Prosody & Poetics.

3rd   '' —History of Telugu People.

4th Paper—Poetry, Classical.

5th   ,,   —Poetry, Modern & Drama.

6th   ,,   —Prose.

7th   ,,   —Essay.

8th   ,,   —Special Author.

(8) KANNADA :—

    8 Papers of 100 marks each.

1st Paper—Jaina Literature.

2nd   ,,   —Veerasaiva Literature.

3rd   ,,   —Brahmana Literature.

4th   ,,   —Kannada Grammar and History of Kannada Language.

5th   ,,   —Poetics and Prosody with special reference to Kannada metre.

6th   ,,   —History of Kannada Literature.

7th   ,,   —History of Karnataka and Kannada Epigraphy.

8th   ,,   —Essay on a Literary subject pertaining to text books.

(9) HISTORY.—

Previous Examination :—Four Papers   ..400 marks

    1st Paper—Early   Political · Institutions (Indian, Islamic, and European) upto 1500.

or

        Political Institutions from the French Revolution with appropriate material background.

2nd Paper—Early Political Theories (Indian, Islamic and European) upto 1500.

<div align="center">or</div>

Later Political Theories from 1500 upto present day.

3rd Paper—Intensive study of one of the three periods of Indian History with reference to the History of the Deccan.

(a) In the Ancient period: Mauryan dynasty is prescribed.

(b) In the Medieval period: 1206-1236 Qutubuddin Aibak and Shamsuddin Altamash is prescribed.

(c) In the Modern period: 1880-1930 is prescribed.

4th Paper—Any one of the following :—

(1) A period of Islamic History.

For 1944 Alp Arslan and Malik Shah.

For 1945 Abdur Rahman (Undlusi).

(2) A Period of Modern European History. 1852-1871 is prescribed.

(3) A period of English Constitutional History. 1485-1603 is prescribed.

(4) A period of History of Indian Culture.

Mediaval India (Pre Moghal) is prescribed.

Final Examination :—

1st Paper—General Historical Essay,   **100 marks**

455

2nd Paper.

(a) A special topic of Comparative Politics.
A detailed study of the Government of India Act of 1935 with a collateral knowledge of the Statute of Westminster, 1931. Students will be required to have a knowledge of the historical back-ground of the both Acts.

(b) A special topic of Political Theories. (The Politico-Economic Theories of Imam Abu Yusuf).

    100 marks

Thesis—Containing at least 10,000 words written on a subject taken by the candidate for his M.A.   ..200 "

Viva Voce—(a) General, to test the general efficiency of the candidate in the papers offered by him for Previous and Final Examinations.   50 Marks.

(b) Language, to test whether the candidate has used the authorities for his thesis in their original form. ..50 Marks.

N.B.--(1) No candidate will be deemed to have passed the M.A., (History) Examination unless he obtains not less than 30 per cent. of the marks in 2nd Paper of the Final Examination.

(2) The subject for the thesis and the choice of the language offered must be sanctioned by the Board of Studies in History at least one calendar year before the examination. No candidate will be allowed to offer his own mother-tongue for his viva voce.

(3) The special topics and periods will be announced at least one calendar year before the examination but not more than one special topic or period will be so prescribed for each year,

(4) Every candidate shall submit two copies of his thesis at least one Fasli month before the first day of the examination. The Registrar will on the declaration of the result send one of these copies to the senior Library of the History Department while the other copy will be sent to the Osmania University Library.

(5) The theses submitted by the candidates in History at the M. A. Examination will be compiled with the advice and under the guidance of the Professor concerned.

(6) In submitting their theses and while answering their papers candidates should always bear in mind that according to Islamic etiquette due reverence should be shown towards Islam, eminent Islamic personages and Islamic teachings.

(10) ECONOMICS :—

Previous Examination :—Four Papers   ..400 marks

1st. Paper : Advanced Principles of
                     Economics   ..100
2nd Paper : History of Economic Thought..100
3rd Paper : Any one of the followings   ..100

(a) Sociology.
(b) Politics.
(c) Economic History of

U. S. A., and Germany Since 1815 and Japan Since 1868.

4th   Paper :—Monetary   Problems,   Central Banking, International Trade and Trade Cycles   ..100   ,,

Final Examination :— 500   ,,

1st Paper :—Advanced Indian Economic Pro-
                     blems 100   ,,
2nd Paper :—Essay 100   ,,
Thesis 200   ,,
Viva Voce 100   ,,

Note :—(1) The Thesis should be on a topic relating to any aspect of the economic and social life of India or any part of India, or it may consist of any enquiry, both historical and descriptive, into the economic and social conditions of any particular local industry, or of a particular class of the population.

(2) The Thesis will consist of at least 50 foolscap double-spaced typed pages and will be written under the supervision of a University teacher on a subject recommended by the Head of the Economics Department, and approved by the Board of studies in Economics and Sociology.

(3) Every candidate shall submit two typed copies of his Thesis at least one month before the commencement of the Examination.

(4) Only those candidates will be allowed to take Economics at their M.A. Examination who have graduated with Economics as their principal subject.

(5) Every student, before submitting his thesis to the Registrar, must Produce a written Certificate from the Head of the Department of Economics, to the effect that the thesis was prepared under his supervision or direction.

(11) PHILOSOPHY :—

Previous Examination :—

1st Paper—Oriental Philosophy, Indian or Islamic.
2nd   ”   One Special Philosopher from among the Western thinkers.
3rd   ”   Metaphysics with special reference to contemporary thought.
4th   ”   Essay.

5th and 6th Papers—Two of the following :—

1. Logic and Epistemology.
2 Aesthetics.
3. Philosophy of Religion.
4. Ethics and Political Philosophy.
5. Psychology.

Final Examination :—

A Thesis of not less than 10,000 words on any subject of Philosophy previously approved of by the Board of Studies.

150 Marks.

1st and 2nd papers on two subjects allied
to the subject of the Thesis.—   100 marks each

Viva Voce   50 marks

(12) MATHEMATICS.

In 1353 F. and 1354 F. Old Syllabus will be followed. From 1353 Fasli, the examinations will be held according to this new syllabus, and the division of papers will be as follows:-

Compulsory Papers :—

There will be five Compulsory papers of 100 marks each.

(1). Algebra and Geometry.

(2). Theory of functions of real and complex variables including elliptic functions.

(3) Theory of series and products, differential equations and calculus of variations.

(4). Mechanics.

(5). Potential theory with applications.

Optional Papers.

There will be four optional papers, of one hundred marks each, from two subjects of one of the following groups :—

(a.) Pure Mathematics and (b). Applied Mathematics.

Various subjects under these two main groups would be decided from time to time according to the availability of teachers. The following subjects for optional papers may be considered to begin with—

(a). *Pure Mathematics.*—

(1). Theory of numbers, (2). Modern Algebraic theories, (3). Theory of probability, (4). Differential Geometry, (5). Projective Geometry, (6). Theory of functions of real variable, .(7). Theory of differential equations, (8) Calculus of variations, (9). Theory of functions of a Complex variable, (10). Theory of Eiliptic functions, (11). Theory of series, (12). Integral and functional equations and (13). Theory of Statistics.

(b). *Applied Mathematics :—*

(1). Analytical dynamics, (2). Hydro dynamics, (3). Aerodynamics, (4). Theory of Elasticity, (5). Electro-dynamics, (6). Theory of Relativity, (7). Quantum Mechanics, (8). Theory of Optics, (9). Spherical Trigonometry and Spherical Astronomy, (10). Combination of observations, (11). Celestial mechanics, (12). Astrodynamics with reference to the motion of three bodies and (13). Cosmology and Cosmogony.

8. In order to pass the Examination, a candidate must obtain 40 per cent. of the marks in the aggregate., but in Marathi 40 per cent. marks in Principal as well as in the Subsidiary subjects will be required. No minimum pass marks shall be required in each paper, but if in any paper a candidate obtains less than one-fifth of the marks allotted, those marks shall not be included in his aggregate. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class and the rest in the Third Class.

The results of the Previous Examination will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examination will be added to the marks gained by them at the Final Examination and the rank secured by them will be determined accordingly.

N.B. For I (English) Vide Page 3 N.B., (3).

9. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee, but he may be admitted without further attendance at lectures to any subsequent examination on the payment of a like fee.

10. Candidates passing the M. A. Examination shall not be allowed to appear again at this Examination.

11. Each successful candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subject in which he was examined, and the class in which he was placed.

M. Sc. EXAMINATION.

1. An Examination for the degree of Master of Science shall be held annually in Hyderabad at such time and on such dates as may be prescribed by the Syndicate.

2. The M. Sc., Examination shall be conducted by means of printed papers and *viva voce* when necessary. Papers will be set and answered in Urdu unless otherwise notified.

3. The Examination shall be open only to Bachelors of Arts and Bachelors of Science of the Osmania University or Bachelors of Arts or Bachelors of Science of a recognised University who have passed B. A., or B.Sc., Examination not less than two academic years previously and have since then prosecuted a regular course of study for not less than two academic years in a constituent college of the Osmania University.

4. The subject which a student studies for the examination must be one in which he has passed the B.A. or B.Sc. Examination at the Osmania University as a main subject or an Examination recognised as equivalent thereto by the Faculty of Science.

5. No students will be allowed to appear at the examination, unless he has put in 70 per cent. attendance in each of the subjects of his course for the examination ; he shall have to make up the same percentage of attendance separately in the practical course of lectures. The Syndicate may, however, condone the deficiency in attendance not exceeding 5 per cent. on special reasons, especially, ill-health when the application is supported by a certificate by an authorised Medial Officer, which can satisfy the Head of the Institution.

A member of the U. T. C. shall be permitted to count as attendance the periods spent on duty with the University Training Corps Camps.

Students attending Inter-University Tournaments or Debates will be entitled to the same privilege.

6. A candidate for admission to the M. Sc. Previous or Final Examinations must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 35. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study for the examination.

7. The examination shall be held for the present in the following subjects :—

1. Chemistry.
2. Physics.
3. Zoology.
4. Botany.

(1) CHEMISTRY.

Previous Examination:—The examination shall consist of two parts (Previous and Final) held at the end of each year. No candidate shall be allowed to appear in the Final examination unless he has passed the previous examination.

In order to pass the examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum pass marks shall be required in each paper, but if in any paper a candidate obtains less than one fifth of the marks allotted, these marks shall not be included in his aggregate. 10 Marks will be set apart for the record of the practical work and technical preparation in each practical.

The examination shall consist of the following papers:—

			Marks
1st Paper	Inorganic Chemistry.	..	..100
2nd ''	Organic Chemistry.	ｃ	..100
3rd ''	Physical Chemistry.	..	..100
4th ''	Inorganic Practical	..	..100
5th ''	Organic Practical. ..	..	..100
6th ''	Physico-Chemical Practical.		..100
		Total	..600

Final Examination:—In the second or final year, the student shall choose either Organic Chemistry or Physical Chemistry as his special subject and attend advanced lectures and conduct research work in that subject with the help of his Professor. At the end of the year, he shall be required to submit the results of his research in the form of a Thesis.

In addition to a *Viva Voce* Examination on the subject of his Thesis, he shall appear in a written examination consisting of

one paper of four hour's duration. The marks will be as fol-
lows:—

			Marks.
Thesis including Viva Voce	..	..	..300
One Paper (four hours)	..	..	..100
		Total	..400

(2) PHYSICS.

Previous Examination:—

1st Paper	General Physics and Sound	..	100
2nd ,,	Optics (Geometrical and Physical)	..	100
3rd ,,	Heat including Thermodynamics	..	100
4th ,,	Practical Examination in properties of Matter, Heat and Sound	..	100
5th ,,	Practical Examination in Optics	..	100
		Total ..	500

Final Examination:—

1st Paper Classical Electricity and Magnetism	..	100
2nd ,, Modern Electricity	..	100
3rd ,, Some Special Subject—any one of the following:—	..	100

(a) Spectroscopy (including Quantum Theory)-

(b) X-Rays.

(c) Wireless Telegraphy and Telephony.

(d) Photo-Electricity and Television.

4th Paper—Practical Examination in Electricity .. 100

5th Paper—Report on practical work intensively
carried out by the candidate with a
view to verify and supplement the
available data on some special problem
of Physics. 100

Total   ..500

The Theoretical papers will be of 3 and the Practical of
4 hours' duration.

(3) ZOOLOGY.—

Previous Examination :—

The Examination shall be held at the end of the 1st year
which will consist of the following papers:—

Theoretical—Non-Chordata :

There shall be three theoretical papers, each of
three hours' duration and carrying 100 marks :—

Paper I—The structure, bionomics, development, and
distribution of the following groups:—

Protozoa; Porifera; Mesozoa; Coelenterata;
Platyhelmia;   Nemertinea;   Nemathelmia;
Chaetognatha;   Rotifera;   Phoronidea;   Si-
punculoidea.

Paper II—The structure, bionomics, development and
distribution of the following groups:—

Polyzoa; Brachiopoda; Annelida; Echinoder-
mata; Arthropoda; and Mollusca.

Paper III—Essays on one or more of a number of subjects
pertaining to Non-Chordata.

Practical—Non-Chordata :

There shall be two practical papers, each of four hours'
duration and each carrying 100 marks. Candidates will be re-
quired to show a detailed knowledge of the microscopic technique
and to examine, dissect or describe the animals and skeletons

prescribed. In addition to these specimens mentioned above candidates are expected to study as many other types as could be available from time to time. Candidates must produce at their practical examination their bonafide preparations (at least 50 permanent slides) and sketch-books containing a complete record of the laboratory work signed and certified by the Professor for which 10 marks will be reserved for each practical paper.

Final Examination :—

In the 2nd year or the Final Examination candidates will be allowed to take up one of the following *Group courses* subject to the approval of the Professor of Zoology :—

(A) *Chordata and General Biology Group* :—

Theoretical :—

There will be three theoretical papers, each of three hours' duration and carrying 100 marks :—

Paper I—The comparative Anatomy, Embryology, and Distribution in time and space of the following :—

Hemichordata; Cephalochordata; Urochordata; Cyclostomata; Pisces; and Amphibia.

Paper II—The comparative Anatomy, Embryology and Distribution in time and space of the following :—

Reptilia; Aves and Mammalia.

Paper III—The General Principles of Biology, including Evolution, Heredity and Sex, Variation, History of Biology, Cytology, Geographical and Geological Distribution of Animals.

Practical :—Chordata Group :

There will be two practical papers, each of 4 hours' duration and carrying 100 marks.

(a) Acrania.
(b) Craniata and Microtomy.

N.B. 10 % marks will be reserved for the practical records.

or (B) Thesis Group :—

There will be two theoretical and one practical paper carrying 100 marks each and a thesis including *viva voce* carrying 200 marks.

Paper I—Based on the special subject-matter of the thesis and allied topics.

Paper II—The General Principles of Biology, including Evolution, Heredity and Sex, Variation, History of Biology, Cytology, Geographical and Geological Distribution of Animals.

Paper III—Practical, on the subject matter of the thesis (including Practical records and Microtomy), and Thesis including *Vica-Voce*.

N.B.—10 per cent. of marks are reserved for the practical records.

or (C) Special Group :—

An intensive study of a special group:

(1) Pisces, or

(2) Reptila, or

(3) Insecta.

Theoretical :—

There will be three theoretical papers, each of three hours' duration and carrying 100 marks :—

Paper I—Based on the local fauna of Hyderabad with reference to the special group selected by the candidate.

Paper II—A general paper based on the special group.

Paper III—The General Principles of Biology, including Evolution, Heredity and Sex, Variation, History of Biology, Cytology, Geographical and Geological Distribution of Animals.

Practical :—

There will be two papers of 4 hours' duration and each carrying 100 marks.

N.B.—Candidates will be expected to acquaint themselves with the current literature pertaining to the special group or the thesis selected by them.

˙The study of one of the Special groups mentioned above should be made with special reference to the practical aspect of the local fauna of Hyderabad (Deccan), and must be dealt with, as far as possible, from the standpoint of its economic importance.

A fairly good practical knowledge of the special group selected by the candidate is to be required, including a record of all the preparations and mounts, technique and fundamentals of research methods, together with an account of the identification of entire specimens belonging to the local fauna as well as to any other special type concerning the particular study. Microtomy (simple section-cutting methods). 10 per cent. marks will be reserved for the practical records.

(4) BOTANY.

PREVIOUS :—

The courses for Previous and Final may alternate from year to year.

(*Cryptogams and Gymnosperms.*)

There shall be three Theoretical and two Practical papers carrying 100 marks each, the Theoretical paper will be of 3 hours' and the Practical of 4 hours' duration.

Paper I.—Thallophyta :—

    (*a*) Flagellata, Bacteria, Diatoms.

    (*b*) Cyanophyceae, Chlorphyceae, Phaeophyceae, Rhodophyceae.

    (*c*) (i) Phycomycetes.—
             (a) Oomycetes.
             (b) Zygomycetes.

        (ii) Eumycetes.—
             (a) Ascomycetes.
             (b) Basidiomycetes.

Paper II.—*Bryophyta and Pteridophyta* :—

    (a) Bryophyta.—
        (i) Hepaticeae.
        (ii) Musci.

(b) Pteridophyta.

Paper III.—Gymnosperms and General Histology.

Paper IV.—*Practical—Thallophyta and Bryophyta.*

Paper V.—*Practical—Pteridophyta and Gymnosperms.*

N.B.—Candiates will be expected to produce at least 50 permanent preparations and a complete record of their practical work.

(COURSE.—A.)

There shall be three Theoretical and two Practical papers carrying 100 marks each. The Theoretical paper will be of 3 hours' and the practical of 4 hours' duration.

Final:—

Paper I.—*General Biology:—*
Variation, Heredity, Evolution and Mendelism.

Paper II.—*Angiosperms:—*
The systematic morphology, affinities and geographical distribution of the Angiosperms, with special reference to the Indian Flora.

Paper III.—*Physiology and Ecology:—*
The general principles of plant Physiology and Ecology.

Paper IV.—*Practical—Systematic (Angiosperms).*

Paper V.—*Practical —Physiology and Microtomy.*

N.B.—Candidates will be required to show a good knowledge of microscopic and microtome technique, to examine and describe the plants and families given on page 92 to produce at least 50 permanent preparations and a complete record of their practical work.

(COURSE—B).

With special group and thesis.—

The special group and the problem for the thesis shall be chosen subject to the approval of the Head of the Department of Botany.

*Special Groups—
(i) Systematic—Angiosperms.
(ii) Ecology.
(iii) Anatomy of Angiosperms.

Candidates will be expected to acquaint themselves with the current literature pertaining to the special group and the sub-ject of the thesis selected by them.

*To start with the above three groups are kept; addition will be made later.

The study of the special group should be made with refer-ence to the local flora of Hyderabad, and must be dealt with, as far as possible, from the stand point of its economic and medici-nal importance.

In the case of candidates offering thesis there will be two papers and a practical test (including *viva voce*) as follows:—

Marks.

Paper I.—One of the Special groups—A theoretical
          paper based on the special group.   ..100

Paper II.— General Biology—same as that prescribed
          for "A" mentioned above 100

A Thesis based on the special subject. 200

The practical examination on the subject of the thesis will carry 100 marks only.

Practical Examination:—A fairly good practical knowledge of the special group, that of the subject of the thesis and Micro-tomy, (Simple section—cutting methods) is required.

7. In order to pass the Examination, a candidate must obtain 40 per cent. of the marks in the aggregate. No minimum pass marks shall be required in each paper, but that candidates should pass separately in the Theoretical and Practical portions of the Examination, and if in any paper a candidate obtains less than 25 per cent. of the marks allotted, he will be deemed to have failed. Successful candidates obtaining not less than 65 per cent. of the total marks shall be placed in the First Class, those obtaining less than 65 per cent. but not less than 50 per cent. in the Second Class and the rest in the Third Class.

The results of the Previous Examination will only be de-clared and will not be classified. The marks obtained by the can-didates at the Previous Examination will be added to the marks gained by them at the Final Examination and the rank secured by them will be determined accordingly.

8. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee.

9. Candidates passing the M. Sc. Examination shall not be allowed to appear again at this Examination.

10. Each successful Candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subject in which he was examined, and the Class in which he was placed.

M. A. EXAMINATION.

1353-1354 F.   (1944-1945)

TEXT-BOOKS.

1. ENGLISH.

Paper I.—Chaucer and the History of the English Language.

Part I. *Language*—The development of the English Language from early to modern times.

The following books are recommended:—

Bradley: The Making of English.
Pearsall Smith: The English Language.
Bernard Groom: A Short History of English Words.
Greenough & Kittredge: Words and their ways in English Speech.

Part II.—*Chaucer*: The Prologue to the Canterbury Tales.

Books for Reading.

Chaucer: The Nonnes Prestes Tale.

N.B.—Candidates must attempt at least 2 questions from each part.

Paper II.—Shakespeare and the Elizabethan Drama.
Texts for Special Study:—

Shakespeare:
As You Like It.
Richard III.
Hamlet.
A Winter's Tale.

Marlowe: Dr. Faustus.

Webster: The Duchess of Malfi.

Jonson: The Alchemist.

N.B.—In addition to the prescribed plays candidates will be expected to show a general knowledge of the other plays of Shakespeare and an acquaintance with the progress of Shakespearean Criticism.

Books for Reading.

Elizabethan Plays edited by Hazelton Spencer (Macmillan). The following plays:—

Marlowe: The Jew of Malta, Edward II.

Lyly: Endymion.

Greene: Friar Bacon and Friar Bungay.

Kyd: The Spanish Tragedy.

Jonson: Every Man in his Humour.

Dekker: The Shoemaker's Holiday.

Beaumont and Fletcher: Philaster.

Paper III.—Spenser to Milton.

Texts for Special Study:—

Spenser: { The Faerie Queene: Book I
Prothalamion..
Epithalamion.

Milton: { Paradise Lost: Books I and II.
Samson Agonistes.

Bacon: Essays: 1—10.

Sidney: Apologie for Poetrie.

Books for Reading.

Spenser: The Shepheardes Calendar.
Shakespeare: Sonnets.
Lyly: Euphues.—The Anatomy of Wit.
Nashe: The Unfortunate Traveller.
Milton: Areopagitica.
Thomas Browne: Religio Medici.
W. T. Young: Poetry of the Age of Shakespeare.
Herrick: Selections in Ward's English Poets, Vol. II.
H. J. C. Grierson: Metaphysical Lyrics & Poems.

Paper IV.—Dryden to Johnson.

Texts for Special Study:—

Dryden: { Absalom and Achitophel Part I.
Preface to the Fables.

Pope: ⎰ The Epistle to Arbuthnot.
⎱ The Rape of the Lock.

Thomson
Collins ⎰ Selections in Ward's English Poets
Goldsmith ⎱   Vol. III.

Addison: Selected Essays edited by Lobban.

Johnson: ⎰   The Vanity of Human Wishes.
⎱   Preface to Shakespeare.

   Swift: The Battle of the Books.

Books for Reading.

Dryden: ⎰   Essay of Dramatick Poesie.
⎱   All for Love.

   Sheridan: The Rivals.

   Johnson: Six Lives edited by Matthew Arnold.

   Fielding: Tom Jones.

   Gibbon:—The Age of the Antonines (from the Decline and Fall of the Roman Empire) (Macmillan).

   Burke: Selected Speeches edited by F. G. Selby (Macmillan).

   Boswell: A Shorter Boswell edited by John Bailey (Nelson).

   Horace Walpole: Selected Letters (Everymans).

   Congreve: The Way of the World.

   Goldsmith: She Stoops to Conquer.

Paper V.—The Age of Wordsworth.

   Texts for Special Study:—

Wordsworth: ⎰ Lines Composed above Tintern Abbey.
         | Ode on Intimations of Immortality.
         | Influence of Natural Objects.
         ⎱ Laodamia.

Coleridge: ⎰ The Rime of the Ancient Mariner.
        { Literary Criticism edited by J. W. Mackaill (O.U.P.).

Keats:
⎧ Ode to a Nightingle, Ode on a Grecian
⎪   Urn.   .
⎪ Ode to Autumn.
⎩ Eve of St Agnes.

Shelley:
⎧ Adonais, Ode to A Skylark.
⎨
⎩ Ode to the West Wind, the Cloud.

Byron:
⎧ The Vision of Judgement.
⎩ Childe Harold: Canto IV.

Lamb: Essays of Elia: 1st Series.

Books for Reading.

Burns: ⎧ Selections in Ward's English Poets Vol.
Blake: ⎩   III.

Scott: Selections in Ward's English Poets, Vol. IV.

De Quincey: Literary Criticism edited by Darbishire
.   (O.U.P.).

Jane Austen: Pride and Prejudice.

Scott: Kenilworth.

Lockhart: Life of Scott (Abridged) (Macmillan.).

Hazlitt: Table Talk.

Paper VI.—Victorian Literature.

Texts for Special Study:—
Tennyson: In Memoriam.
Matthew Arnold: The Scholar Gypsy, Thyrsis.
    —Do—   : Essays in Criticism: Second Series.
Robert Browning: Rabbi Ben Ezra, A Grammarian's
                 Funeral, Pippa Passes.
Swinburne: Atalanta in Calydon.
Carlyle: Essay on Burns.
Ruskin: Unto this last.

Books for Reading.

The Oxford Book of Victorian Verse (O.U.P.).

R. L. Stevenson: Selected Essays edited by H. G. Rawlinson
                 (O.U.P.).

Newman: The Idea of a University.

Dickens: The Pickwick Papers.
Thackeray: Henry Esmond.
Charlotte Bronte: Jane Eyre.
Anthony Trollope: Barchester Towers.
George Meredith: The Ordeal of Richard Feverel.
Macaulay: History of England, Chapter III.
Morley: Selected Essays edited by G. H. Rawlinson.   (Mac-
           millan).

Paper VII.—Contemporary Literature.

Texts for Special Study:—
Francis Thompson: The Hound of Heaven.
Robert Bridges: Shorter Poems (Books I—V) from Poetical
             Works of Robert Bridges (O.U.P.).
William Watson: Lachrymae Musarum.
Longer Modern: Verse edited by Edward A. Parker,
                         (O.U.P.).

G. B. Shaw: St Joan.
G. K. Chesterton: Heretics (Methuen).
John Galsworthy: The Silver Box.
Max Beerbohm: And Even Now.

Books for reading.

Samuel Butler: Erewhon.
Thomas Hardy: Tess of the D'Urbervilles.
Arnold Bennett: The Old Wives' Tale.
H. G. Wells: Kipps.
John Galsworthy: The Forsyte Saga.
Lytton Strachey: Queen Victoria.
My Best Story (Faber and Faber).
An Anthology of Modern Verse chosen by A Methuen.
Modern Poetry: 1922-34 edited by Maurice Wollman (Mac-
           millan).
Twentieth Century Critical Essays (World's classics)
                    (O.U.P.)
                    (Harrap).
G. B. Shaw: Man and Superman.

Paper VIII.—Essay on a Literary subject.

N.B.—Subjects will include the Literary and Social History
of England, the Principles of Criticism and literary forms.

2. ARABIC.—

امتحان ابتدائی :ـ

پرچه اول ـ نظم ـ

(الف) معلقات (لبید ـ طرفه ـ الاعشیٰ ـ النابغة الذبیانی)

(ب) * دیوان امرؤ القیس باستثناء معلقه (حسن السندوبی
کی تصحیح اور شرح کے ساتھ قاہرہ میں چھپا ہے)

(ج) دیوان ابو تمام سے مندرجہ ذیل تین قصائد :ـ

(۱) السیف اصدق آنباء من الکتب

(۲) أهن عوادی یوسف وصواحبه

(۳) الحق ابلج والسیوف عوار

پرچه دوم ـ نثر

(الف) البیان والتبیین للجاحظ از « ومن خطبه صلعم خطبة
حجة الوداع » تا ابتداء باب « اللحن » (الجزء الثانی طبع قاهره
سنه ۱۳۴۵ ه بشرح حسن السندوبی) از صفحه ۳۸ تا صفحه ۱۵۵

(ب)* رسالة الغفران للمعری ، مختصر الجزء الاول (ایجاز و
شرح کامل گیلانی طبع مصر از صفحه ۵ تا صفحه ۲۳۰)

(ج) الکامل للمبرد باب (۳۹) باب من اخبار الحواج
از صفحه ۵۲۷ تا ختم صفحه ۶۰۰ طبع ایزرک

پرچه سوم ـ عربی مضمون وترجمه

پرچه چهارم ـ نحو وتنقید وعروض وبلاغت

(الف) المفصل للزمخشری ـ القسم الاول طبع یورپ (صفحات
۳ تا ۱۰۸)

(ب) العمدة لابن رشیق ـ الجزء الاول از ابتدا تا ابتداء
باب البلاغة (صفحات ۱ تا ۱۶۱ طبع مصر سنه ۱۳۲۵ ه)
باستثناء باب الاوزان وباب القوافی

(ج) مقدمۂ کتاب الشعر و الشعراء لابن قتیبہ از ابتدا تا ختم
عیوب الشعر (طبع یورپ کے ۳۵ صفحے)

(د) * علوم البلاغہ تالیف احمد مصطفیٰ المراغی

(ھ) محیط الدائرۃ ۔ تالیف کر نیلیوس فان دیک

امتحان آخری

پرچہ اول

(الف) جاہلیت سے حال تک کے آداب عربیہ کی تاریخ ۔
نوٹ ۔ طالب علم کو چاہئے کہ عہد عباسی کی تاریخ آداب کا
خاص طور پر مطالعہ کرے ۔

(ب) زبان عربی کی تاریخ
مندرجہ ذیل کتابوں کی سفارش کیجاتی ہے ۔

(۱) پروفیسر نکلسن کی تاریخ ادبیات عرب میں سے زمانہ
جاہلیت، عہد اموی، عباسی تا آخر کتاب

(۲) جرجی زیدان کی تاریخ آداب اللغۃ العربیۃ ۴ اجزاء

(۳) اولیری کی کتاب "عربک تھاٹ"

(۴) النقد التحلیلی لکتاب فی الادب الجاہلی لمحمد احمد الغمراوی

(۵) تاریخ الادب الاندلسی لاحمد حسین از یات

(۶) حضارۃ العرب فی الاندلس للسید عبدالرحمٰن البرقوقی

(۷) کتاب الشعر والشعراء لابن قتیبہ مکمل

(۸) تاریخ اللغۃ العربیۃ لجرجی زیدان

(۹) الفلسفۃ اللغویۃ والالفاظ العربیۃ لجرجی زیدان

(۱۰) "سمیٹک لینگویجز" نولڈکے کا مضمون (مطبوع در
انسائیکلو پیڈیا بری ٹانیکا)

پرچہ دوم

(الف) جرمن یا فرنچ

السنۂ مذکورہ میں سے کسی ایک زبان کے ابتدائی معلومات کے متعلق ایک پرچہ (۵۰) نشانات اور دو ساعت کا ہوگا جس میں اس زبان کی آسان علمی عبارتیں اردو میں ترجمہ کے لئے دی جائینگی یا ان پر اردو میں بحث کرنے کو کہا جائیگا۔

(ب) ۔ نثر و نظم جدید

ایک پرچہ ۵۰ نشانات اور دو ساعت کا نثر و نظم جدید پر ہوگا طالب علم کو مندرجہ ذیل کتب کا مطالعہ استاذ کی مدد سے کرنا چاہئے ۔ سوالات ان ہی کتابوں پر مبنی ہونگے۔

نثر :۔

(۱) *النظرات جزء اول (للطفی المنفلوطی)

(۲) * الریحانیات جزء اول (لامین الریحانی)

(۳) * روایۃ زینب للد کتور ہیکل

نظم ۔ حسن السندوبی کی کتاب الشعراء الثلاثۃ* (حافظ، مطران، شوقی) سے حسب ذیل (۹) قصیدے :۔

(۱)   حول تصرح ۲۸ فبرایر سنہ ۱۹۲۱

(۲)   البسفور کانک تراہ

(۳)   عبرۃ الدہر

(۴)   النساء

(۵)   قلعۃ بعلبك

(۶)   الی ابنائنا رجال الغد

(۷)   الامتان المتصالحتان

(٨) الاستاذ الشيخ محمد عبده

(٩) مصرف وق الجميع

* كتابيں مندرجه ذيل پته سے دستياب هوسكتى هيں ۔

1. The Arabic Library & Co.
   Oriental Hotel Building
   Opposite C. Market
   Bombay 3.

2. Abdus Samad & Sons
   Sayid Wada,
   Surat.

3. SANSKRIT.—

Paper I.—Veda.

 (1) Vedic Reader, Macdonell, First twelve Hymns.

 (2) Kathopanishad.

 (3) Nirukta by Yaska, edited by Dr. Lakshman Saroop, first two chapters.

Paper II.—Poetry, Prose and Drama.

 (1) Shishupalavidha (First four Cantos).

 (2) Mudrarakshasa of Vishakhadatta.

 (3) Bana's Kadambari (First Half).

Paper III.—Grammar and Prosody.

 (1) Madhyasiddhantakaumudi—
     Sandhiprakarana
     Karaka
     Samasa

 (2) Vrittaratnakara, omitting chapter VI.

Paper IV.—Poetics.

 (1) Sahitadarpana except Chapters IV, V and X.

 (2) Dhananjaya's Dasharupaka.

Paper V.—Comparative Philology with special reference to Sanskrit.

Books recommended.

(1) I. J. S. Taraporewala's Elements of the Science of Language.

(2) Jagirdar's History of Indo-Aryan Language.

(3) Gune's Comparative Philology.

(4) Dr. P. L. Vaidya's Principles of Philology.

(5) Jesperson's Language.

Paper VI.—History of Sanskrit Literature.

Books recommended.

(1) Winternitz: History of Sanskrit Literature.

(2) Macdonell's History of Sanskrit Literature, Omitting chapters on Technical Literature.

(3) Keith: Classical Sanskrit Literature.

Paper VII.—*Tanslation from Urdu into Sanskrit & Vice Versa.*

The following book is recommended:—

Apte's guide to Sanskrit Composition.

Paper VIII.—*Essays either in English or in Urdu on the subject prescribed for the course.*

4. PERSIAN :—

امتحان ابتدائی ۔۔

پہلا پرچہ (حصۂ نظم) تقابلی مطالعہ و تبصرہ

(الف) قصائد ۔

رودکی	۱ ۔ مادرمے را بکرد باید قربان
فرخی	۲ ۔ فسانہ گشت و کہن شد حدیث اسکندر
عنصری	۳ ۔ ایا شنیدہ خبر ہای خسروان بخبر
مسعود سعد سلمان	۴ ۔ مقصو د رشدمصا لح کار جہانیان
معزی	۵ ۔ بنازد جان اسکندر بسلطان جہان سنجر
منوچہری	۶ ۔ اے نہادہ بر میان فرق جان خویشتن

انوری	۷ ـ باد سحرگیری نسیم آورد سوے جو ئیبار	
خاقانی	۸ ـ صبح دم چون کله بندد آه دود آسای من	
ظهیر	۹ ـ کرا ست زهره که باین دل ز صبر نفور	
کمال	۱۰ـ این خرمی نگر که مرا نا گهان رسید	
سلمان	۱۱ـ مژ ده اے آرام دل کارام جا نمی رسد	
عرفی	۱۲ـ صباح عید که در تکیه گاه ناز و نعیم	
قا آنی	۱۳ـ باده جان بخشی ست و دلکش خاصه در وقت بهار	

(ب) مثنویات ۔

۲ ـ مخزن الاسرار : از ابتدا تا « آغاز گفتار در مرتبه نظم این کتاب مستطاب »

۲ ـ نلد من : از ابتدا تا شعر (بگزاشته در مکان مکان را پیچیده بپای آسمان را)

۳ ـ جاوید نامه (حسب انتخاب)

(ج) غزلیات ۔

۲۰ غزل	از ابتدای ردیف الف	۱ـ خسرو
۲۰ غزل	از ابتدائی ردیف تا	۲ ـ حسن
۲۰ غزل	از ابتدائی ردیف میم	۳ ـ نظیری
۲۰ غزل	آخر ردیف یای	۴ ـ صائب
۲۰ غزل	از ابتداء ردیف دال	۵ ـ بیدل

(د) رباعیات

۱ ـ خیام ـ مطبوعۀ طهران (مطبعۀ نهضت شرق) ابتدائی ۵۰ رباعیات

۲ ـ حضرت ابوسعید ابو الخیر (ابتدائی ۲۰ رباعیات)

پرچۂ دوم ــ حصہ نثر

۱ ـ چہار مقالہ نظامی عروضی سمر قندی (گب سیریز)

۲ ـ سفر نامۂ ناصر خسرو (مطبوعہ برلن)

۳ مرزبان نامہ (باب دوم معہ مقدمۂ مصحح)

۴ ـ بیست مقالۂ قزوینی صفحہ ۱ تا ۱۰۵

پرچہ سوم (عصر جدید و مضمون نویسی)

حسب ذیل کتب کے مطالعہ کی سفارش کیجاتی ھے

(۱) حاجی بابا اصفہانی   (نصف اول)

(۲) شیخ الملوک سید محمد باقر حجازی

(۳) تجلیات روح ایرانی (مطبوعۂ ایرانشهر)

(۴) ترجمۂ احوال سید جمال الدین افغانی (مطبوعۂ ایرانشهر)

(۵) داستان شهر بانو ـ تالیف رحیم زادہ صفوی
(حصہ اول)

(۶) سخنوران ایران در عصر حاضر ـ جلد اول و دوم
تالیف محمد اسحاق

مطالعہ

سرسری

(۷) سخنوران دوران پهلوی تالیف دینشاہ ایرانی (مطبوعہ بمبئی)

مضمون نویسی بالعموم کتب متذکرہ بالا پر مبنی ہوگی .

پرچہ چہارم (عربی ـ بلاغت و عروض فارسی ۔)

مجانی الادب الباب السابع تا باب العاشر از صفحہ ۹۹ تا ۱۶۵

بلاغت و عروض کیلئے حسب ذیل کتابوں کی سفارش کیجاتی ھے ۔

(۱) حدائق السحر مصنفۂ رشید و طواط (حصہ بیان و بدیع)

(۲) المعجم فی معائیر اشعار عجم مصنفہ شمس قیس (عروض)

امتحان آخری

پہلا پرچہ ۔ تاریخ ادبیات ایران ۔ از ابتدا تا عہد مغول ۔
حسب ذیل کتابوں کے مطالعہ کی سفارش کی جاتی ہے :۔
ایران قدیم ، ہخامنشی دور اور میخی کتبے

(۱) ایران قدیم و ایران باستان حسن پیرنیا (مشیر الدولہ)
مطبوعہ طہران

An Outline of Persian History based on Cuneiform   (2)
    Inscriptions by Ahl.
Sykes History of Persia 3rd Edition (Vols I & II   (3)
    for all periods).
C. Huart : Ancient Persia (Chapters I—III).   (4)
The Cambridge Ancient History Vol.: IV Ch: i.   (5)

عہد زر دشت و اوستا

A. V. W. Jackson : Zoroaster & Zoroastrian Studies   (1)
Pur-i-Daud's Introductions to the editions of   (2)
Yashts and Gathas (Marker Avestan Series).

ساسانی دور اور پہلوی ادب

West : Article on Pthlavi Literature (Grundriss der   (1)
Iranischen Philologie Vo, II, pp, 75-129).
Nariman : Iran and Iranians   (2)

اسلامی دور اور فارسی ادب

Daudpota : The Influence of Arabic poetry on Persian (1)
    poetry.

(۲) احوال واشعار رودکی ، سعید نفیسی ، جلد اول و دوم و
سوم مطبوعہ طہران

(۳) سخن و سخنوران ، بدیع الزمان بشیرویہ خراسانی (وزارت
معارف ایران) جلد اول و دوم

(۴) روز نامہ کا وہ سلسلۂ مضامین متعلقہ مشاہیر شعراء ایران

(۵) تاریخ ادبیات ایران ، جلال الدین ہمائی ، جلد دوم

(۶) شعر العجم جلد چہارم و پنجم

Browne: Literary History of Persia Vol. I and II. (۷)

پرچہ دوم ۔ از عہد مغول تا زمانہ حال ۔

حسب ذیل کتابوں کے مطالعہ کی سفارش کی جاتی ہے :۔

Browne: Persian Literature under Tartar Dominion (1)
Browne: Persian Literature in Modern Times (2)
Browne: A Year Afongst the Persians (3)
Browne: The Press and Poetry of Modern Persia (4)
Browne: Persian Revolution (5)
E. D. Ross: Persia (6)
The Times, London: Persia Number, Jan. 5th 1931 (7)
Wilson, Persia (8)
Filmer, The Pageant of Persia (9)
Essed Bey, Riza Shah (Hutchinson) (10)

(۱۱) تاریخ نہضت ایران تالیف مدیو حلاج

(۱۲) ادبیات معاصر تالیف رشید یاسمی مطبوعہ طہران

(۱۳) « عصر پہلوی » تالیف ڈاکٹر محمد نظام الدین
مقالہ ۔ حسب تصریح قواعد متذکرہ بالا ۔

(5) URDU.—

امتحان ابتدائی ۔

پرچہ اول ۔ زبان قدیم ۔

۱ ۔ خواجہ بندہ نواز ۔ معراج العاشقین (کتاب خانہ انجمن ترقی
اردو حیدر آباد)

۲ ۔ وجہی ۔ سب رس ۔ انجمن ترقی اردو | وو   ,,

۳ ـ کلیات محمد قلی قطب شاہ ـ مطبوعہ مجلس اشاعت دکھنی مخطوطات
(سب رس کتاب گھر خیریت آباد)

۴ ـ ابن نشاطی-پھول بن   »   »

۵ ـ دکنی مرثیے اردو شہ پارے   »   »

۶ ولی ـ کلیات ـ انجمن ترقی اردو   (کتاب خانہ انجمن ترقی اردو
حیدرآباد)

پرچہ دوم ـ نظم ـ

۱ ـ سراج ـ سراج سخن   (سب رس کتاب گھر خیریت آباد)
۲ ـ سودا ـ قصائد   (مکتبہ ابراہیمیہ حیدرآباد)
۳ ـ مصحفی ـ بحر المحبت   »   »
۴ ـ آتش ـ دیوان   »   »
۵ ـ ذوق ـ دیوان   »   »
۶ ـ اقبال ـ ضرب کلیم   »   »

پرچہ سوم ـ نثر ـ

۱ ـ میرا من ـ باغ و بہار   »   »
۲ ـ سرسید ـ آثار الصنادید   »   »
۳ ـ حالی ـ حیات جاوید   »   »
۴ ـ آزاد ـ آبحیات   »   »
۵ ـ حیدر بخش حیدری ـ باغ اردو   »   »
۶ ـ عبدالحق ـ خطبات   »   »
۷ ـ عنایت اللہ ـ تائیس (ساقی پریس دہلی)   »   »

پرچہ چہارم ـ مضمون نویسی ـ

امتحان آخری

پرچہ اول حصہ الف ۔ تاریخ زبان

،، ،، ب ،، ادب

نصاب درج ذیل ہے ۔

(۱) زبان ۔ ماہیت و آغاز اور کثرت السنہ کے اسباب ۔

(۲) تشکیل السنہ ۔ فطری ارتقاء۔ ارادی تشکیل

(۳) دنیا کی زبانیں۔طریقۂ تقسیم ۔ مختلف خاندان اور شاخیں۔

(۴) ہندوستان کی زبانیں۔ہند آریائی ارتقاء۔ آریائی گروہ
غیر آریائی زبانیں ۔

(۵) ہندوستانی ۔ آغاز و ارتقا (شمال، گجرات، دکن)

(۶) دوآبہ کی زبان ۔ ہندوستانی کا ارتقاء اور مقامی زبان کا اثر

(۷) گجرات اور دکن کی زبان ۔ ہندوستانی کا ارتقاء اور
مقامی بولیوں کا اثر۔

(۸) ہندوستانی کے جدید رجحانات ۔ ہندی۔ اردو ۔

(۹) ادب قدیم (آغاز سے ولی تک ۔ گجرات۔دکن۔شمال)

(۱۰) درمیانی ادب۔اردو نظم و نثر ولی سے حال تک ۔

(۱۱) عہد حاضر حالی سے موجودہ زمانے تک کی اردو
نظم و نثر۔جدید رجحانات ۔

حسب ذیل کتب کی سفارش کیجاتی ہے ۔

۱ ۔ گریرسن لنگوسٹک سروے آف انڈیا جلد نہم حصہ اول)

۲ ۔ محمود شیروانی ۔ پنجاب میں اردو

۳ ۔ انشا ۔ دریائے لطافت

۴ ۔ پروفیسر سلیم ۔ وضع اصطلاحات

ہ ۔ عبدالحق ۔ مقدمات عبدالحق (وہ مقدمات جو ادبی
تنقید سے متعلق ہیں) ۔

٦ ۔ عبدالسلام ۔ شعر الہند

٧ ۔ رام بابو سکسینہ ۔ تاریخ ادب اردو (اردو ایڈیشن)

٨ ۔ نصیر الدین ہاشمی ۔ دکن میں اردو

٩ ۔ مختلف تنقیدیں بشمول مقدمہ دیوان حالی و موازنہ انیس و
دبیر وغیرہ ۔

پرچہ دوم ۔ بھاشا ۔

ہندی بالبودھ و یا کرن

سکشٹ بہاری (انڈین پریس الہ آباد)

تلسی داس رامائن (اجودھیا کانڈ کا ابتدائی ربع حصہ)

تاریخ ادب ہندی (ہری ٹیچ آف انڈیا سیریز)

نوٹ ۔ ایم ۔ اے میں کامیابی کیلئے اس پرچہ میں (۳۰) فیصد نشانات
لینا ضروری ہے ۔

مقالہ (حسب قواعد مندرجہ نصاب نامہ ہذا) مندرجہ ذیل میں سے
کسی ایک پر :۔

۱ ۔ اردو زبان و ادب کے پہلو سے متعلق تحقیقی یا تنقیدی
مضمون جو کم از کم پچاس صفحات پر مشتمل ہو ۔

۲ ۔ کسی نادر کتاب کی تصحیح و تنقیح معہ مقدمہ وحواشی

۳ ۔ اردو کے کسی مستند شاعر یا ادیب کے سوانح حیات

(6) MARATHI:—

Paper I.—Poetry—Ancient.

1. Jnaneshwari Chapters IX and X.
2. Rukmini Swayamvara by Narendra Pandit edited by Prof. V. B. Kotte.
3. Bhagwat by Eknath Chapter II.

4. Virat Parwa by Mukteswar.
5. Tukaram Vachanamrita by Prof. Ranade. pages 1—100.

Paper II.—Poetry—Medieval and Modern.

1. Rukmini Haran by Samraj.
2. Uttarardha chapters 80 to 90 (both inclusive).
3. Krishna Vijaya by Moropant.
4. Namasudha by Vaman Pandit.
5. Kavita Sangraha by Tambe.
6. Balakavi Thombre edited by Prof. Patankar.

Paper III.—Prose—including Novel and Drama.

1. Leela Charitra,, Part I Ekank edited by H. N. Nene.
2. Bhau Sahebanchi Bakhar ed. by Sane.
3. Dr. Johnson by V. K. Chiplunkar.
4. Vichar Saundarya by Prof. V. M. Joshi.
5. Bhavabandhan by Gadkari.
6. Navapratahkala by Khandekar.
7. Asha by Prof. Phadke.

Paper IV.—Philology and History of Language.

1. Wilson Philological Lectures Chap. 3—7, by Dr. Bhandarkar.
2. Marathi Bhashacha Udgamaani Vikas by K. P. Kulkarni.
3. Marathi Bhashecha Va Vangmayacha Itihasa by Bhide.
4. The Marathi Language by Jules Bloch, Translated by by Prof. V. G. Paranjape.
5. Shastriya Marathi Vyakarana by Damle.
   Chapters (1) Vibhakti and Vibhaktyartha.
            (2) Akhyata ani Akhyatartha.
            (3) Prayoga
            (4) Shabda Siddhi

Paper V.—History of Literature and Rhetoric.

1. Maharastra Sarasvat by Bhave Parts I and II.
2. Arvachin Marathi Sahitya by Nene.
   Chapters on :—Poetry.
                 Drama.
                 Novel.
                 Short Story.
                 Wit and Humour.

3. Marathwadyatil Arvachin Marathi Vangmaya, by Prof. C. N. Joshi, Chapters 14—26.
4. Abhinava Kavya Prakasha by Prof. Joag.
5. Pratibha Sadhana by Prof. Phadke., Chapters on the technique of Novel Short story and Drama.
6. Chhandorachana by Prof. Patwardhan only the discussion on the principles of Jati Chhanda and Vritta.

Paper VI.—Essay.

Essay will be on a literary subject covering the matter under the first five papers.

SANSKRIT. (*Subsidiary*).

1. Kiratarjuniya of Bharavi, Cantos I & II.

2. Mahabharata - Virataparva (abridged by C. V. Vaidya).

3. Pratima - Natakam by Bhasa, edited by M. R. Kale.

Paper VIII.—

1. Dashakumarcharitam by Dandi, first three Uchhvasas, Pages 54 to 123 with general knowledge of Purvapithika.

2. Mrichhakatika by Sudraka, Acts I-V, with special reference to Prakrit Portions.

(7). TELUGU.

I. History of the Telugu Language, Grammar and Philology.
(a) History of the Language and Philology.

Books for study :—

(1) History of Telugu Language by Dr. C. Narayan Rao.
(2) Sasana Padya Manjari by J. Ramiah.
(3) Bhashotpatti Kramamu by K. Ramakrishniah.
(4) Dravida Bhahalu by G. Sornayajulu.

Books for consultation:—

1. 'Linguistic Survey' Vol I Greerson.
2. Wilson's Lectures on Philology.
3. Sweet's 'Language Primer'.
4. Tucker's Introduction to the Study of the Science of Language.
5. Caldwell's Comparative Grammar of Dravidian Languages.

(b) Grammar.

Books for study.

(1) Andhra Sabdachintamani by Nannaya Bhattu.
(2) Andhra Bhashanu sasanamu by Malladi Suryanarayana Sastry.
(3) Balavyakaranamu by Clinnaya Suri.

Books for consultation:—

(2) Balakavi Saranyamu by Rao Sahib G. Rama Murty Pantulu.
(3) Appakaviyamu.
(4) Praudha Vyakaranamu.
(5) Sandhi by K. Ramakrishniah.
(6) Sarva Lakashana Sarasangraha by Timmakavi.

II. History of Literature and Criticism, Prosody and Poetics.

Books for consultation:—

(1) Andhra Bharatha Kavita Vimarshanamu by K. Rama kristniah.
(2) Vasucharitra Vimarsanamu. V. ch. Sitarama Sastry.
(3) Kavitwa Tatwa Vicharamu. Sir C. R. Reddy.
(4) Andhra Vangmaya Sanghrahamu. Kaitwa Vedi.
(5) Andhra Vangmaya Charitra. B. Appa Rao.
(6) Kavi Jivitamulu. K. Veeresalingam, Parts i, ii & iii.
(6) 'History of Telugu Literature under Vizianagar by T. Achyuta Rao.
(7) Andhra Vangmaya Charita by V. Subba Rao.

Prosody and Poetics.

Books for study.

(1) Andhra Chandralokamu.
(2) Kavya Prakasha Vivarana by K. Narasimha Chari.

Books for consultation.

Alamkara Tatwa Vicharamu by K. Sitaramiah.
Andhra Kavyalamakara Sutra Vritti.
Andhra Kavyadarshamu. .
Narasa Bhoopaliyamu.

III. History of Telugu People.

The inter relation between the Life and Literature of the Andhra people is the aim of the Study.

Books for study.

(1) Andhrula Charita by ch Veerabhadra Rao.

Books for consultation.

1. 'Life of Srinadha' and 'Tikkana' by Veerabhadra Rao.
2. Father Heras on Vizianagar period.
3. Kakatiya Sanchika.
4. Kalinga Desa charitra.
5. Raja Narendra Pattabhisheka Sanchika.
6. Hindu and Mohammadiya Maha Yugams (for related portions). by K. V. Lakshman Rao.
7. Sringara Srinatha and Kanakabhishekum by V. Prabakara Sastry.
8. History of Tanjore Nayaks by K. Sitaramayya.
9. Prachina Andhra Nouka Jivana Charitra by B. V. Krishna Rao.

(items 3, 4, 5 braced) } Andhra Historical Society.

IV. Poetry Classical.

Books for study.
(1) Virata Parvamu. First two Cantoes. Tikkana.
(2) Harivamasa. Uttara Bhaga. 7th Canto.
(3) Markandeya Puranam Kuvalayaswa Charitra Cantos ii & iii.
(4) Hara Vilasamu. 5th Canto.
(5) Raghava Pandaviya I Canto.
(6) Panduranga Mahatmya. Nigama Sarma Upakhayanamu.
(7) Basava Purana. First 600 lines.
(8) Vijayavilasamu. Canto I.

V. Poetry Modern and Drama.

Books for study.

(1) Mutyala Saramulu. G. Appa Rao.
(2) Ramyalokam, R. Subb Rao.

(3) Anarkali V. Satyanarayana.
(4) Krishna Pakshamu. D. Krishna Sastry.
(5) Krishivaludu D. Rami Reddy.

Drama.

Books for study.

(1) Mudra Kakshasa. Translated by Tirupati Venkata Kavulu.
(2) Radha Krishna. P. Lakishmi Narasimha Rao.
(3) Padmavati—charana—charana—chakravarti. T. Siva Sankara Sastry.

Books for consultation.

Dasarupakamu. M. Suryanarayana Sastry.
Andhra Nataka Rangamu. G. Sitarama Sastry.
·Natyambujam & Natyotpalam P. Suri Sastry.

VI. Prose.

Books for study.

(1) Lakshmana Raya Vyasavali.
(2) Amaravati Stupamalu. M. Soma Sekhara Sarma.
(3) Raja Sekhara Charitra. K. Veeresalingam.
(4) Sakshi Vol. I.
(5) Sarasvatopanyasamulu. R. Ananta Krishna Sarma.
(6) Raja Sthana Kathavli Chilakamarti. L. Narasimham.
(7) Bharathamu. Kaluve Viraraju.
(8) Ekadasi. Chinta Diskshitulu.

VII. Essay.

VIII. Special Author.

Nannapa. For Special study Cantoes I and II Adi Parvam.

(8) KANNADA.—

I. Jaina Literature :—

(1) Pampa Bharata. Aswasas 6. 7. 8. Shahityaparishat Edition.
(2) Santipurna by Ponna. Aswasas 1 & 2. Madras University publication.
(3) Leelavati by Nemichandra. Aswasas 7-11.—Vol. II.
(4) Chavundarayapurana. (Adipurana) Published by the Shitya Parishat.

II. Veerasaiva Literature:—

    (1) Basaveswarana Vachanagalu. by P. G. Halakatti.
    (2) Basavadevaraja Ragale by Hari Hara.
    (3) Chenna Basavapurana by Virupaksha Pandita. Kanda 3. Sandhis 28 to 40 both inclusive.
    (4) Sabara Sankara Vilasa by Shadaksharadeva. (whole).

III. Brahmana Literature:—

    (1) Dasa Kumara Charite by Choundarasa. Aswasas 1—7
    (2) Hari Bhakta Sudhe. R. R. Divakar.
    (3) Chikadevaraja Vamsavali (Half) by Tirumalarya.
    (4) Aswaththaman by B. M. Srikantia.

IV. Kannada Grammar and the History of Kannada Language.

    Text books:—

    (1) Sabdamanidarpana by Kesiraja.
    (2) History of Kannada Language by R. Narasimha Char.
    (3) Comparative Grammar of the Dravidian Languages, by Dr. Galdwell.

    Books for reference:—

    (1) Bhashabhushana.
    (2) Sabdasmriti. by Nagavarma.
    (3) Kannadada nudiyahuttu by S. B. Joshi.
    (4) Sabdanusasana by Bhattakalanka.
    (5) Studies in Dravidian philology by K. Ramakrishnaiah, M.A.
    (6) Grdierson, the Linguistic Survey of India.
    (7) Kittle's Grammar.

V. Poetics & Prosody with special reference to Kannada metre.

    (1) Chhandombudhi by Nagavarma.
    (2) ApratimaViracharite by Tirumalarya.

    Books for reference:—

    (1) Kavi Rajamarga by Nripatunga.
    (2) Kavyavalokana by Nagavarma.
    (3) Kannada Kaipidi. Mysore University publication.

VI. History of Kannada Literature.

> (1) Karnataka Kavicharite. Vols. I, II & III by R. Nara-
> simhchar.
>
> (2) Kelavu Kannada Kavigala Kala Vichara by Dr. A.
> Venkata Subbayya.

VII. History of Karnataka and Kannada Epigraphy.

> *The following books are recommended :—*
>
> (1) Karanataka Gatha Vaibhava by Alur Venkat Rao
> published by Sahitya Parisht.
> (2) Kannada Nadinacharitre.
> (3) Karnataka Samrajya in 4 parts by R. H. Despande,
> M.A.
> (4) Vijayanagara Samrajya. by Panduranga Rao.
> (5) Mysorudesada Vastu Silpa by B. Venkoba Rao, B.A.
> (6) The popular culture in Karnataka by M. Venkatesh
> Iyengar.
> (7) Historical Inscriptions of the Southern India by
> Sewell and S. K. Iyangar.
> (8) Archæological Reports published by the Department
> of Archæology, Hyderabad.
> (9) Indian Paleography by Buhler.
> (10) Epigraphia Karnatika. by L. Rice.
> (11) Sasanapadya Manjiri by R. Narasimhachar.
> (12) Indian Antiquary.
> (13) Epigraphia Indica.

VIII. Essay.

> The books can be had of :—
>
> > Kannada prakatanalaya
> >
> > Sultan Bazar
> >
> > Hyderabad Deccan.

(9) HISTORY :—

> (The books given below only set the standard of the Exa-
> mination).

Previous Examination.—

> *1st Paper*—Political Institutions (1789 to the Present
> Day with appropriate material background).

Constitutions of the Period 1789-1814:
Morse Stephens: Revolutionary Europe.
Cambridge Modern History: *Revolution.*
   "   "   Napoleon.

Modern Constitutions.

  Wilson: State.
  Ogg: Government of Europe.
  Kitazawa: Select Constitutions of the World.

  Ram & Sharma: Modern Constitutions.
  Hammond: Bodies Politic and their Government.

  The Constitutions of Totalitarian States.

  (Candidates will be expected to know the latest consti-
  tuaional development in the important countries of
  the World).

 2nd Paper—Political Theories. (1500 to present dav).

1. History of Political Theories by Dunning.(Vol. I, Ch. II
 Vols. II and III).

2. History of Political Thought by Gettel, (Portions relating
 to the period).

3. Cook: History of Political Philosophy.

 3rd Paper—

* (a) Indian History Ancient period (Mauryan Dynasty)

1. H. R. Chaudhury: Political History of Ancient India
       (Third Edition).
2. V. Smith: Early History of India (Fourth Edition).
3. J. N. Samaddai: The Glories of Magadha.
4. The Cambridge History of India Vol. I
   (Chapters XV, XVI, XIX, XX, XXI, XXVI).
5. P. Bhargava: Chandragupta Maurya.
6. I. Topa: The Minister as a King-Maker.
7. V. R. R. Dikshitar: The Mauryan Polity.
8. Kauitilya: The Arthasastra (Translated by Dr. Shama-
         sastri).
9. Visakhadatta: Mudra Rakshasa (Translated by
         U. R. Kale).
10. D. R. Bhandarkar: Asoka.
11. R. Mookerji: Asoka.
12. E. Hultzsch: Inscriptions of Asoka.

(b) Qutbuddin Aibak and Shamsuddin Altamash.

The following books are recommended :—

1. Politics in Pre-Mughal Times by Dr. Topa.
2. Some Aspects of Muslim Rule, by Dr. Tripathi.
3. History of India by Eliot and Dowson Vol. II.
4. History of Medieval India by Ishwari Pershad.
5. Cambridge History of India. Vol. III.
6. Turkestan down to the Mongol Invasion by W. Barthold.

۷ -   طبقات ناصری

۸ -   تاج الماثر

۹ -   طبقات اکبری

۱۰ -   تاریخ فرشته

۱۱ -   منتخب التواریخ

(c) Indian History Modern Period: (1880-1930).

The following books are recommended :—

1. The Cambridge History of India, Vol. VI. by H. H. Dodwell.
2. Life of Lord Ripon, Vol. II. by Wolf.
3. Life of Lord Dufferin, Vol. II. by Sir A. C. Lyall.
4. Administration of Lord Landsdowne, by Sir G. N. Forrest.
5. Life of Lord Curzon, Vol. II, by Lord Ronaldshay.
6. Speeches by G. K. Gokhale.
7. Lord Minto, a memoir by John Buchan.
8. Recollections, Lord Morely.
9. Speeches on Indian affairs, by Lord Morley.
10. A Nation in making, by Sir Surendranath Banerjee.
11. The Indian Constitution by Sir T. B. Sapru.
12. A Constitutional history of India, by A. B. Keith.

Parlimentary Papers:—

1. Report of the Royal Commission on Decentralisation in India-1908.
2. Montagu-Chelmsford Report 1918.
3. Report of the Joint Select Committee on the Government of India Bill, 1919.

4th Paper:—

(1) *Islamic History*:—

(الف) سنه ۱۳۰۳ ف کے لئے دور الپ ارسلان و ملک شاہ

(۱) ابن اثیر تاریخ کامل جلد ۸ و ۹ (حصص متعلقہ)

(۲) ابن خلدون جلد ہ (,,)

(۳) روضۃ الصفاء (,,)

(۴) جیب السیر (,,)

(۵) تاریخ گزیدہ ۔ مصنفہ حمداللہ مستوفی

(۶) ابن خلکان وفیات الاعیان (,,)

Brown's Literary History of Persia Vol. II. (۷)

(۸) جغرافیہ خلافت مشرقی ۔ مترجمہ محمد جمیل الرحمن (مطبوعات جامعہ عثمانیہ)

(۹) فلسطین ۔ مترجمہ سید ہاشمی (مطبوعات جامعہ عثمانیہ)

Finlay's History of Greece (Relevent Portions) (10)

Gibbon's Decline and Fall of the Roman Empire (11) (Relevent Portions)

Barthold, Turkistan: Down to the Moghul Invasion (12)

(ب) سنه ۱۳۰۴ ف کیلئے عبدالرحمن (اند لس)

حسب ذیل کتابوں کے حوالے اور مطالعہ کیلئے سفارش کیجاتی ہے:۔

(۱) عبرت نامۂ اندلس ۔ ، مترجمہ عنایت اللہ صاحب (اردو ترجمہ ڈوزی
اسپینش اسلام)   (حصص متعلقہ)

(۲) اخبار الاندلس ۔ تین جلدیں ۔ مترجمہ ، مولوی محمد خلیل الرحمن صاحب
(حصص متعلقہ)

(۳) ابن العذاری : الکتاب المغرب فی اخبار المغرب ۔ جلد ۲
(حصص متعلقہ)

(۴) نفح الطیب ۔ مترجمہ مولوی محمد خلیل الرحمن   (حصص متعلقہ)

Conde's Arabs in Spain, 3 vols. (Relevent Portions) (۵)

Gayangos' History of Mohammaden Dynesties in Spain (۶)
(Relevent Portion).

Whishaw's Arabic Spain   (۷)

(۸) اندلس کا تاریخی جغرافیہ ۔ مصنفہ مولوی عنایت اللہ صاحب

(۹) خلافت اندلس ۔ مصنفہ نواب ذو القدر جنگ بہادر

(2) *European History* :—(1852-1871).

The following books are recommended :—

Acton,   Cambridge Modern History - Vol XI.
Fyffe,   History of Modern Europe - III (O.U.S.)
Hertslet,   Map of Europe by Treaty - II & III.
Bourgeois, Modern France - Vol. II.
Senior, Conversations with Thiers, Guizot, 2 Vols.
Simpson,   Louis Napoleon and the Recovery of France.
Ward, Germany - Vol. II.
King "History of Italian Unity" - 2 Vols.
Jonquiere "Histoire de I' Empire Ottomane" - Vol. II.
(Osmania University Series)

(3) *English Constitutional History* :—(1485-1603)

Students are expected to have a thorough knowledge of
the working of the constitution during the period.   The

works of Stubbs, Hallam, Maitland, Prothero, Robertson. Eroude, Pollard, Fisher, Oman, and Medley., are recommended for their studies.

(4) *History of Indian Culture* (Medieval Period)

The Theme: The Cultural Development of Medieval India (Pre-Mughal).

Books recommended :—

1. Life and condition of the people of Hind (1200-1550) by Dr. K. M. Ashraf.
2. Politics in Pre-Mughal Times by I. Topa.
3. Influence of Islam on Indian Culture by Dr. Tara Chand.
4. Indian Islam by Dr. Titus.
5. The Sikh Religión by Maucliffe, Vol. VI.
6. History of Indian Architecture by Fergusson.
7. Promotion of Learning in India by Muhammadans by N. N. Law.
8. Arab aur Hindustan ke Taluqat by Sulaiman Nadvi.
9. The Preaching of Islam by T. N. Arnold.

Final Examination :—

1st Paper—General Historical Essay.

2nd   „   Special Topics :—

(a)   of comparative politics.

Recommended Books :—

1. Government of India Act 1935 and allied Government Reports.

2. Constitutional History of India by A. B. Keith,

3. Constitutional Law of the Dominions by A. B. Keith.

4. Dominion Autonomy in Practice by A.B. Keith.

5. British Colonial Policy, Vols. I and II, by A. B. Keith.

(b) of Political Theories.

The Politico-Economic Theories of Imam Abu Yusuf.

(10) ECONOMICS:—

Previous

Paper I—Principles of Economics.
Alfred Marshal: Principles of Economics.
A. C. Pigou: The Economics of Welfare.
Knut Wicksell: Lectures on Political Economy, Vol. I.
Alfred Marshall: Trade and Industry.
Hicks: Theory of Wages.
Robbins: The Nature and Significance of Ecnomic Science.

Paper II—History of Economic Thought.

Lewis H. Haney: History of Economic thought.

John K. Ingram: History of Political Economy.

Gide and Rist: History of Economic Doctrines.

Grey: The Development of Economic Doctrines.

Keynes: The Scope and Method of Political Economy.

Cannan: The Review of Economic Theory.

Eric Roll: History of Economic Thought.

Paper III

(a) *Sociology.*

Jerome Davis &
H. Barnes : Introduction to Sociology.
—do— Readings in Sociology.

Part & Brugess : An Introduction to the Science of Sociology

Sarkar, Benoy K: Positive Background of Hindu Sociology.

Levy Reuben	:	The Sociology of Islam.
McDougall	:	Group Mind.
Mukerjee & Sen-gupta	:	Social Psychology.
*Garrett	:	The Legacy of India.
Arnold T	:	The Legacy of Islam.

*Maclver: Society: Its Structure and Changes.

Or (*b*) *Politics.*

Political Theories (1500 to present day).

History of Political Theories by Dunning (Vol. I Ch. XI, Vols. II and III).

History of Political Thought by Gettell, (Portions relating to the period).

Studies in the History of Political Philosophy (2 Vols) by Vaughan.

Political Thought from Spencer to the present day by Barker.

Or (*c*) *Economic History.*

Knowles	:	Economic Development of the 19th Century.
Clapham	:	Economic Development of France and Germany.
Burnie	:	An Economic History of Europe.
Funlkur	:	Economic History of the United States.
Jennings	:	American Economic History.
Nyehra	:	Industry and Trade of Japan.
Moulton	:	Modern Japan.

Paper IV.

Monetary problems etc.

| Haberler | : | Prosperity and Depression. |

---

*Books marked with an asterisk are particularly important. MacIver's "Society" may be considered as text-book.

Mises	:	Theory of Money and Credit.
Grayer	:	Monetary policy and Economic stabilisation.
Gregory	:	Gold standard and its future.
Macfie	:	The Theories of the Trade Cycle.
Whale	:	International Trade.
Haberler	:	The Theory of International Trade.
Kisch & Elkins	:	Central Banks.
Sayers	:	Modern Banking.

(Final).

Paper I—Advanced Indian Economic Problems.

Jathar and Bari : Indian Economics, Vols. I & II.

Anstey : Economic Development of India.

Wattal : Population Problems in India (1934 Edition).

Darling : The Punjab Peasants in Prosperity and Debt. (4th Edition).

Keating : Agricultural Progress in Western India.

Brij Narain : India before the Crises.

    Do   India after the Crisis.

Jain : The Monetary Problems of India.

Findlay Shirras : The Science of Public Finance, Vols. I and II.

H. L. Dey : Indian Tariff Problems.

Industrial Labour in India (I. L. O. Studies and Report Series).

S. A. Husain - Agricultural marketing in Northern India.

Reports :—

Wedgwood Committee Report.

Report of the Hilton Young Commission, 1926.

    Do   Ackworth Committee.

    Do   Indian Fiscal Commission.

Report of the Indian Taxation Enquiry Committee.

Do	Royal Commission on Indian Agriculture.
Do	Central Banking Enquiry Committee.
Do	Royal Commission on Labour in India.
Do	Road Rail Committee, 1933, (Commonly called the Mitchell (Committee).
Do	Reserve Bank on Agricultural Credit.
Do	Hyderabad Banking Enquiry Committee. Govt of India's Reports on Marketing.

Paper II.

Essay. On any subject covered by the entire M. A. syllabus.

(11) PHILOSOPHY :—

(Previous)

I *Paper*—Oriental Philosophy, Indian or Islamic (for Indian Philosophy books will be prescribed later. For recommended books on Islamic Philosophy & books of reference Vide Detailed Syllabus).

II *Paper*—Our Special Philosophy free among the Western Thinkers.

III. *Paper*—Metaphysics with special reference to contemporary thought.

Books recommended.

1. Mary White Calkins : Persistent Problems of Philosophy.

2. Ralph Barton Perry : Present Philosophical Tendencies.

3. Bernard Basanquet : The Meeting of Extremes in Modern Philosophy.

4. Bernard Russell : An Outline of Philosophy.

5. C. E. M. Joad : Modern Philosophy.

6. W. P. Montague : The ways of Knowing.

7. J. A. Leighton : Man and the Cosmos (An Introduction to Metaphysics).

8. Bergson : Creative Evolution.

9. Bergson : Introduction to Metaphysics.

IV. Paper—Essay—

V. and VI. Paper—Two of the following :—

    1. Logic & Epistemology. (Books will be prescribed later).

    2. Aestheties :—

2. AESTHETICS

Book to be closely followed.

1. Poetics   Aristotle.
2. The Principles of Aesthetics. By De Witt H. Parker.
3. Poetry and Religion, Santayana.
4. The Theory of Beauty E. I. Carritt.
5. The Sense of Beauty C. Sanatayana.
6. Hegels lectures on Aesthetics.
7. Portions of Schopenhauer's The world as will and Idea' dealing with Aesthetics.

General Study.

1. What is Art.   Tolstoy.
2. Letters on the Aesthetic education of man.   F. Schiller.
3. Lectures on Art, Ruskin.
4. Philosophy of values, H. Hunserberg. Munsterbery.
5. A defence of Poetry, Shelley.
6. Aesthetics, J. Sully and G. C. Robertson.
7. History of Aesthetics, Bosanquet.

3. PHILOSOPHY OF RELIGION.

Books to be followed closely.

1. The Philosophy of Religion	Hoffding.
2. The Philosophy of Religion	G. Galloway.
3. Introduction to the Philosophy of Religion.	John Caird.
4. The Varieties of religion experience.	W. James.

Books for General Study.

1. The faith of a Moralist (Crif-
       ford Lectures) Vol. I & II.   Taylor
2. The Religious Consciousness   J. B. Pratt
3. The Religious Attitude   Woodburn
4. Life Divins   .   Eri Aurobinde 2 vols
5. Sources of Religious Insight   J. Royce
6. The Idea of God   Pringle Pattison
7. A psychological study of re-
       ligion   X. H. Leube

4.   Ethics and Political Philosophy

Books to be closely followed.

Ethics	Dewey and tufts
The theory of Good and Evil 2 vols.	Rashdall
Nicomachean Ethics	Aristotlc
The Republic	Plato
Pincipia Ethica	Noore
Prelegomena	T. H. Green
Political Thought from Spncer to To-day	Barker
Principles of Political obligation	Green
Ethical Studies	Bradley
Philosophical Theory of the State	Bosanquet

Books for General Study.

Grammar of Politics .	Laski
Development of Political Ideas.	Hearnshaw
Introduction to Modern Political Theory	Joad
The Social Contract	Roussean
Ethics	Nicholai Hartman

Origin and development of moral
    ideas.   Westermarck
History of European Morals   Lecky,

5. Psychology,

Books recommended.

1. W. James. Principles of Psychology.
2. W. MacDougall Energies of Men.
3. R. S. Woodworth Contemporary schools of Psychology.
4. Gardiner Murphy Psychology A Biefer Course.
5. Gardiner Murphy Historical Introduction to Psychology
                   Parts I and II.   ·

(12) MATHEMATICES.—

شعبه دینیات

ایم - اے

قواعد شرکت امتحان وکامیابی وغیرہ حسب قواعد ایم - اے
(شعبه فنون) امتحان مندرجه ذیل مضامین میں ہوگا۔

(۱) فقه

امتحان ابتدائی

پرچه اول ۔ ھدایہ مع العنایه   کتاب الطهارة ،کتاب الصلوة ،

کتاب الز کواة ،کتاب الحج ،
کتاب الوقف ۔ مطالعه کے لئے
فتح القدیر اوربدائع صنائع
ملك العلماء کی سفارش کیجاتی ہے ۔

پرچه دوم اصول فقه مسلم الثبوت ۔

پرچه سوم ۔ تاریخ فقه اسلامی   سرسری مطالعه کے لئے فوائد
تاریخ التشریع الا سلامی   بهیه' والجواهر المضیه' سیرة
للخضری و النافع الکبیر مقدمه   النعمان کی سفارش کی جاتی
جامع صغیر ۔   ہے ۔

پرچہ چہارم خلافیات بدایۃ

المجتہد باستثناء ان ابواب

کے جو ہدایہ پرچہ اول میں

آچکے ہیں ۔

امتحان آخری

پرچہ اول ۔ اصول شرائع

اتحاف الابصار والبصائر ،

حجۃ اللہ البالغہ از مبحث سابع

تا فصل فی عدۃ من الا مور

المشکلۃ من التقلیدو اختلاف

المذا ہب ، موافقات شاطبی

باب الکتاب ج۳باب الاجتہاد

الی آخر الکتاب ۔

سرسری مطالعہ کے لئے تذکرۂ اعظم

الاشباہ و النظائر ابن نجیم

مع شرح حموی کی سفارش کی

جاتی ہے ۔

سرسری مطالعہ کے لئے تذکرۂ

اعظم اور موافقات کے غیر

درسی ابواب کی سفارش کی

جاتی ہے ۔

پرچہ دوم ۔ فتوی نویسی وفیصلہ نگاری

مقالہ (۲۰۰ نشانات)

مقالہ پروفیسرکی نگرانی میں لکھا جائے گا جو

پچاس صفحوں سے کم نہ ہوگا ۔ مضمون کے لئے

پروفیسر متعلقہ کی سفارش کی بناءپر مجلس نصاب شعبۂ

دینیات سے منظوری حاصل کرنی ہوگی ۔

مقالہ کے ممتحن طالب علم کا زبانی امتحان بھی لیں گے

تاکہ ان کو اس امر کا پتہ چلے کہ طالبعلم نے اپنے مقالہ کے

لئے اصل مصادرکا استعمال کیا ہے ۔

(٢) تفسیر

امتحان ابتدائی

سرسری مطالعہ کے لئے روح المعانی سورۂ بقرۃ کی سفارش کی جاتی ہے ۔	پرچہ اول ۔ قرآن مجید ادبی حیثیت سے ، کشاف سورۂ بقرہ ۔
سرسری مطالعہ کے لئے تبصیر الرحمٰن مہائمی، سبق الغایات تھانوی، تبیان ابن قیم کی سفارش کیجاتی ہے ۔	پرچہ دوم ۔ قرآن ربط آیات و سورہ کی حیثیت سے اور اقسام قرآن ، نظام لقرآن فی تاویل القرآن بالقرآن للفراھی ، سورۂ ذاریات ، تبت ، تین، مرسلات ، کوثر ، امعان فی اقسام القرآن ۔
سرسری مطالعہ کے لئے احکام القرآن رازی، تفسیرات احمدیہ ملا جیوں کی سفارش کی جاتی ہے ۔	پرچہ سوم ۔ قرآن فقھی حیثیت سے ۔ احکام القرآن ابن عربی سورۂ بقرہ ، نساء ، مائدہ ، انعام ۔
	پرچہ چھارم ۔ مباحث متعلقہ قرآن ورسم الخط تاریخ قرآن و ارض القرآن و تاریخ تفسیر ۔ اتقان ١٣ و ٢٩ و ٣٦ و ٣٨ و ٤٠ و ٤٢ و ارشاد الحیران فی رسم خط القرآن ، تاریخ
سرسری مطالعہ کے لئے تاریخ صحف سماویہ چودھری نواب علی، جغرافیہ کتاب مقدس سعید المنصور البیروتی، تاریخ عرب قدیم، الوسی ، نوفل ، عمادی ۔	

القرآن رحمانی ، تاریخ ارض
القرآن سلیمان ندوی ۔

امتحان آخری

پرچۂ اول ۔ تفسیرالقرآن   سرسری مطالعہ کے لئے درِ منثور ،
بالا حادیث المعتبرہ ، تفسیر   ابن جریر طبری کی سفارش کی
ابن کثیر منزل چہارم ، پنجم ۔   جاتی ہے ۔

پرچہ دوم ۔ قرآن کلامی حیثیت   سرسری مطالعہ کے لئے تفسیر
سے   غرائب   القرآن   القرآن مفتی عبدہ تفسیر کبیر و حقانی
نیشا پوری سورۂ آل عمران   کی سفارش کی جاتی ہے ۔
واعراف و یونس ۔

مقالہ پروفیسر کی نگرانی میں لکھا جائے گا جو پچاس
صفحوں سے کم نہ ہوگا ۔ مضمون کے لئے پروفیسر متعلقہ کی
سفارش کی بناء پر مجلس نصاب شعبۂ دینیات سے
منظوری حاصل کرنی ہوگی ۔

مقالہ کے ممتحن طالب علم کا زبانی امتحان بھی لیں کے
تا کہ ان کو اس امر کا پتہ چلے کہ طالب علم نے اپنے
مقالہ کیلئے اصل مصادر کا استعمال کیا ہے ۔

(۳) حدیث

امتحان ابتدائی

پرچۂ اول ۔ احادیث جامعہ معہ   سرسری مطالعہ کے لئے شروح
تراجم ابواب ، بخاری شریف   بخاری ، وشروح تراجم ابواب

نصف اول ۔

شاہ ولی اللہ صاحب و شیخ
الہند کی سفارش کی جاتی ہے ۔

پرچۂ دوم ۔ احادیث السنن
والا حکام ابوداود شریف ۔

سرسری مطالعہ کے لئے عون
المعبود و بذل المجهود کی
سفارش کی جاتی ہے ۔

پرچہ سوم۔اصول وعلل حدیث
و مشکلات الحدیث مقدمۂ
ابن صلاح' مقدمہ فتح الباری
فصل چهارم

سرسری مطالعہ کے لئے علل ابن
ابی حاتم ، توجیہ النظر' المعتصر
من المختصرکی سفارش کی جاتی
ہے ۔

پرچۂ چهارم تاریخ حدیث و
فن رجال، مقدمہ فتح الباری
از اول تا اختتام فصل سوم،
تاریخ فنون الحدیث للخولی ۔

مقدمہ سرۃ النبی شبلی نعمانی'
خطبات مدراس سید سلیمان
ندوی کی سفارش کی جاتی ہے ۔

امتحان آخری

پرچۂ اول ۔ بخاری شریف نصف آخر

پرچۂ دوم ۔ مسلم شریف کاملی

مقالہ (۲۰۰ نشانات)

مقالہ پروفیسر کی نگرانی میں لکھا جائے گا جو پچاس
صفحوں سے کم نہ ہوگا۔ مضمون کے لئے پروفیسر متعلقہ کی
سفارش کی بناء پر مجلس نصاب شعبۂ دینیات سے
منظوری حاصل کرنی ہوگی ۔

مقالہ کے ممتحن طالب علم کا زبانی امتحان بھی لیں گے
تا کہ ان کو اس امر کا پتہ چلے کہ طالب علم نے اپنے مقالہ
کیلئے اصل مصادر کا استعمال کیا ہے ۔

(۴) کلام وعقائد

امتحان ابتدائی

پرچہ اول ۔ شرح مواقف (امور عامہ)
پرچہ دوم ۔ الہیات از شرح مقاصد
پرچہ سوم ۔ سمعیات از شرح مقاصد
پرچہ چہارم ۔ تصوف نظری
امتحان آخری

پرچہ اول   (۱)   مذاہب عالم   (بطور خاص   عیسائی مذہب،
بدھ مذہب، سناتن دھرم، برہمو سماج آریہ مذہب،
سکھ مذہب، پارسی مذہب کا مطالعہ)
(ب)   مذہب کے متعلق جدید نظریات

پرچہ دوم   تاریخ علم کلام بہ تفریق فرقہ ہائے اسلام

مقالہ پروفیسر کی نگرانی میں لکھا جائیگا جو پچاس
صفحوں سے کم نہ ہوگا ۔ مضمون   کے لئے پروفیسر متعلقہ کی
سفارش کی بناء پر مجلس نصاب شعبہ دینیات سے منظوری
حاصل کرنی ہوگی ۔

مقالہ کے ممتحن طالب علم کا زبانی امتحان   بھی
لیں گے تا کہ   انکو اس امر کا پتہ چلے کہ طالب علم نے اپنے
مقالہ کے لئے اصل مصادر کا استعمال کیا ہے ۔

کتب مقرره

(۱) عقبات از مولوی اسماعیل صاحب دهلوی

(۲) الرد علی الدهر یین از جمال الدین افغانی

(۳) تاریخ مذاهب اسلام از مولوی نجم الغنی خان

(۴) حکمت اسلامیه از مولوی عبدالقدیر صدیقی صاحب

(۵) علم الکلام از مولانا شبلی

(۶) رساله حمیدیه از محمد جسر طرابلسی

(۷) دین و دانش از محمود علی کپور تهله

(۸) دین و دولت   »   »   »

(۹) دین و آئین   »   »   »

M. Sc. Examination

(1) CHEMISTRY :—

Previous Examination.

PAPER I INORGANIC CHEMISTRY.

Books recommended for Study and reference :—

1. A Text-book of Inorganic Chemistry by Fritz Ephraim.
2. A Treatise on General Industrial Chemistry by Molinari. Inorganic Volume.
3. Industrial Chemistry by Martin. Inorganic Section.
4. Rare earths by Browning.
5. Inorganic Chemistry - A survey of Modern development by Morgan.
6. New ideas in Inorganic Chemistry by Werner.
7. Modern aspects of Inorganic Chemistry by Emeleus and Anderson.
8. Analytical Chemistry by Treadwell and Hall, 2 Vols.

9. Quantitative Chemical Analysis by Cumming and Key.
10. Volumetric analysis by Fowles.
11. Technical analysis of ores and metallurgical products by F. C. Hills.
12. Gas analysis by Dennis.
13. Preparation of pure, Inorganic Compounds by Archibald.
14. Semi-micro qualitative analysis by Arthur and Smith
15. Laboratory Mannual of Electro-Chemistry by Muller.
16. Recent advances in Analytical Chemistry by Mitchell.

PAPER II ORGANIC CHEMISTRY.

Books recommended for Study and reference :—

1. Organic Chemistry by J. Schmidt.
2. Advanced Organic Chemistry by Cohen, 3 Vols.
3. Organic Chemistry by Richter.
4. Organic Chemistry by Bernthsen.
5. Systematic Organic Chemistry by Cumming, Hopper and Wheeler.
6. Recent Advances in Organic Chemistry by Stewart.
7. Modern Theories of Organic Chemistry by Watson.
8. Organic Chemistry by Gilman, 2 Vols.
9. Chemical Technology and Analysis of Oils. Fats and Waxes by Lewkowitsch, 3 Vols.
10. Vegetable Fats and Oils by Jamieson.
11. Chemistry of Plant Products by Hass and Hill.
12. Chemical Synthesis by Hapworth.
13. Natural and Synthetic Colouring matters by Perkin and Everest.
14. Handbook of Organic Analysis by Clarke.
15. Carbon Compounds by Weston.
16. Practical Organic Chemistry by Sudborough and James.
17. Practical Organic Chemistry by Cohen.
18. Practical methods of Organic Chemistry by Gatterman.

Paper III Physical Chemistry.

Books recommended for Study and reference:—

1. Physical Chemistry by Macdougall.
2. Physical Chemistry by Eggert.
3. A text book of Physical Chemistry by Newton Friend Vols I & II.
4. Theoretical Chemistry by Nernst.
5. Tretise on Physical Chemistry edited by H. S. Taylor Vols. I & II.
6. Electronic theory of valency by Sidgwick.
7. Recent advances in Physical Chemistry by Glasstone.
8. Recent advances in General Chemistry by Glasstone.
9. Colloids by Taylor.
10. Colloids by Hatscheck.
11. A short history of Chemistry by Partington.
12. History of Chemistry by Thorpe, 2 Vols.
13. Practical Physical Chemistry by Findlay.
14. Experimental Physical Chemistry by Daniels, Mathews and Williams.
15. Physico-chemical methods by Reilley and Rae.

Final Examination.

Inorganic Chemistry.

Books recommended for Study and reference:—

In addition to the books recommended for M. Sc. previous, the following are also recommended:—

1. A Comprehensive treatise on Inorganic and Theoretical Chemistry by Mellor.
2. A Text-book of Inorganic Chemistry edited by Newton Friend.
3. Radio-activity by Hevesey and Paneth.
4. Recent advances in Physical and Inorganic Chemistry by Stewart.
5. Recent advances in General Chemistry by Glasstone,

6. Original papers and annual reports on the progress of Chemistry.

ORGANIC CHEMISTRY.

Books recommended for Study and reference :—

1. Organic Chemistry by J. Schmidt.
2. Advanced Organic Chemistry by Cohen, 3 Vols.
3. Systematic Organic Chemistry by Cumming, Hopper and Wheeler.
4. Recent Advances in Organic Chemistry by Stewart.
5. Modern Theories of Organic Chemistry by Watson.
6. Physical Aspects of Organic Chemistry by Waters.
7. Organic Chemistry by Gilman, 2 Vols.
8. Simpler Natural Bases by Barger.
9. Chemistry of Plant Products by Hass and Hill.
10. Original papers and annual reports on the progress of Chemistry.

OR PHYSICAL CEMISTRY.

Books recommended for Study and reference :—

1. Photo-processes in Gareons and liquid systems by Griffith and McKeown.
2. Photo-chemical processes by G. B. Kistiakowcky.
3. Allgemeine Photochemie by Plotnikow.
4. Photo-chemie by Berthoad.
5. Grundlagen der Photochemie by Bonhoeffer and Harteck.
6. Molekul structur by Stuart.
7. Relation between chemical constitution and Physical properties by Smiles.
8. Spectroscopy by Baly.
9. The Co-valent link in Chemistry by Sidgwick.
10. Raman spectra and chemical constitution by
11. Polar molecules by Debye.
12. Di-electric constant and Molecular structure by Smyth
13. Magnetism and Matter by Stoner.

14. Magneto-chemie by W. Klemm.

15. Recent advances in Physical Chemistry by Glasstone.

16. Transactions of the Faraday Society, Reports on the pro-gress of Chemistry and other Journals.

(2) PHYSICS :—

No Text-books are prescribed; but the following books are suggested as indicative of the scope of the subjects required for study. Candidates are required to study the original papers and to remain in touch with modern developments in Physics :—

General Physics :—

Haas: Theoretical Physics.

Poynting and Thomson: Properties of Matter.

Jeans: Dynamical Theory of Gases.

Barton: Analytical Mechanics.

Newman and Searle: Properties of Matter.

Sound :—

Barton: Sound.

Rayleigh: Sound.

Richardson: Sound.

Wood: Text-book of Sound.

Heat :—

Preston: Theory of Heat.

Saha: Treatise on Heat.

Roberts: Heat and Thermodynamics.

Shilling and Partington: Specific Heat of Gases.

Planck: Thermodynamics.

Optics :—

Preston: Theory of Light.

Drude: Optics.

Wood: Physical Optics.

Baily: Spectroscopy.

Magnetism and Electricity :—

> Pohl: Electricity and Magnetism.
> Pidduck: Treatise on Electricity.
> Jeans: Mathematical Theory of Electricity and Magnetism.
> Starling: Electricity and Magnetism.
> Stoner: Magnetism and Atomic Structure.
> Abraham: Classical Theory of Electricity and Magnetism, translated by J. Dougall.

Modern Electricity :—

> Wilson: Modern Physics.
> Andrade: Structure of the Atom.
>
> Crowther: Ions, Electrons and Ionising Radiations.
> J. J. Thomson: Conduction of Electricity through Gases
> Rutherford: Radiations from Radio-active substances.
> Aston: Isotopes.
> Sommerfeld: Atomic Structure and Spectral lines
> Richardson: Electronic theory of Matter.
> Bragg: X-Rays and Crystal Structure.
> Compton: X-Rays.
> De Broglie: X-Rays.
>
> Watson: Text-book of Practical Physics.
> Worsnop and Flint: Advanced Practical Physics for students.

(3)   ZOOLOGY :—

Books*, journals* and periodicals* recommended for reading or reference in connection with the M. Sc. Examination in Zoology :—

(A) *Comparative Anatomy of Vertebrata and Invertebrata.*

> Parker and Haswell: Text Book of Zoology, Vols. 1 & 2.
> Kingsley, or Wiedersheim and Parker: Comparative Anatomy of Vertebrates.

Lankester: Treatise on Zoology. (Series)
Cambridge: Natural History Series.
Sedgwick: Student's Text-Book of Zoology, 3 Vols.
Goodrich: Structure and Development of Vertebrates.
De Beer: Vertebrate Zoology.

The Indian Zoological Memoirs and the L. M. B. C.

Memoirs.

(B) *General Biology and Evolution.—*

Darwin: The Origin of Species.
Wiesmann: The Evolution Theory.
Lock: Variation, Heredity and Evolution.
Smith, J.: The Primitive Animals.
Locy: Biology and its Makers.
Poulton: Essays on Evolution.
Keeble: Plant-Animals.
Willey: Convergence in Evolution.
Borradaile: The Animal and its Environment.
Watson: Evolution.
Osborn: From Greeks to Darwin.
Osborn: Origin and Evolution of Life.
Jordan and Kellogg: Evolution and Animal Life.
Driesch: History and Theory of Vitalism.
Kellogg: Darwinism to-day.
Lull: Organic Evolution.
Russell: Form and Function.
Lloyd Morgan: Instinct and Experience.
Gaskell: On the Origin of Vertebrates.
Darwin: Descent of Man.
Dendy: The Biological Foundations of Society.
Goodrich: The Evolution of Living Organisms.
Cunningham: Hormones and Heredity.
Pearson: The Chances of Death and Other Studies in
     Evolution. Vols. 1 & 2.

Chambers: Vestiges of Creation.

Herbert: The First Principles of Evolution.

Wallace: Darwinism.

(C) *Heredity, Genetics, Mendelism, Sex, etc :—*

Thomson: Heredity.

MacBride: Introduction to the Study of Heredity.

Doncaster: Heredity in the Light of Recent Research.

Doncaster: The Determination of Sex.

Kerr and Agar: Lectures on Sex and Heredity.

Loeb: Artificial Parthenogenesis.

Morgan: Heredity and Sex.

Thomson and Geddes: Sex.

Punnett: Mendelism.

Darbishire: Breeding.and Mendelian Discovery.

Castle, Coulter and Davenport: Heredity and Eugenics.

Lillie: Problems of Fertilisation.

Newman: The Biology of Twins.

(D) *Cytology and Embryology :—*

Agar: Cytology.

Wilson: The Cell in Development and Inheritance.

Doncaster: Cytology.

Kellicott: Outlines of Chordate Development

MacBride: Embryology—Vol. 1.

Graham Kerr: Embryology—Vol. 2.

Asseton, Hill and Wilson: Embryology—Vol. 3.

Jenkinson: Vertebrate Embryology.

Lillie: Development of Chick.

Morgan: Regeneration.

Marshall: Vertebrate Embryology.

(E) *Distribution.—*

Heilprin: The Distribution of Animals.

Beddard: Zoogeography.

Lankester: Extinct Animals.

Wallace: The Geographical Distribution of Animals. Vols. 1 and 2.

Wallace: Island Life.

Gadow: The Wanderings of Animals.

(F) *Microtechnique*:—

Gatenby and Cowdry—Bolles Lee's Microtomist's Vade— Mecum.

*Candidates are expected to be familiar with the current journals and periodicals which will be suggested by the Professor from time to time; he will also advise them as to which books, journals, or portions thereof are to be read.

(4) BOTANY:—

Books, Journals and Periodicals recommended for reading or reference.

Systematic:—

Engler: Das Pflanzenreich.

Engler and Prantl: Die Naturlichen Pflanzen familien.

Cooke: Flora of the Bombay Presidency.

Hooker: Flora of British India.

Roxburgh: Flora Indica.

Duthie: Flora of the Upper Gangetic Plain.

Partridge: Forest Flora of Hyderabad.

Kirtikar: Indian Medicinal Plants.

Brandis: Indian Trees.

Watt: The Commercial Products of India.

Rendle: Classification of Flowering Plants, Vols. I & II.

General:—

Strasburger: Text-Book of Botany.

Campbell: University Text-Book of Botany.

Bower: Origin of a Land Flora.

Scott: Studies in Fossil Botany.

Seward: Fossil Plants.

Darwin: Forms of Flowers.

Coulter and Chamberlain: Morphology of Gymnosperms and Angiosperms.

Coulter Barnes and Cowles: Text-Book of Botany, Vols. I, II and III.

Willis: Flowering Plants and Ferns

Haberlandt: Physiological Plant Anatomy.

Seward, A. C.: Plant Life through the ages (Camb: Univ: Press, 1334).

Algae:—

West: Algae. Vol. I.

West and Fritsch: British Fresh water Algae.

Fungi:—

Gaumann and Dodge: Comparative morphology of Fungi.

Gwynne—Vaughan, H: Fungi, Ascomycetes, etc.

Stevens: Fungi and Plant Disease.

Butler: Fungi and Disease in Plants.

De Bary: Comparative Morphology of the Fungi, etc.

Gwynne—Vaughan and Barnes: Fungi.

Bryophyta:—

Campbell: Mosses and Ferns.

Cavers: Inter-relationships of the Bryophyta.

Kashyap: Liverworts of the Western Himalayas and the Punjab Plain, Parts I and II.

Pteridophyta:—

Christ: Die Farnkrauter der Erde Die geographie der Farne.

Bower: The Ferns.

Blatter and Almeida: The Ferns of Bombay.

Gymnosperms:—

Pearson: Gnetales (Camb. Univ. Press).

Coulter and Chamberlain: Morphology of Gymnosperms.

Chamberlain: The Living Cycads.

Plant Physiology and Ecology :—

Stiles: Photosynthesis.
Bose: Physiology of Photosynthesis.
Bose: Physiology of Ascent of Sap.
Bose: Nervous Mechanism of Plants.
Dixon: Transpiration and the Ascent of Sap.
Kostychev: Plant Respiration.
Barton Wright: Recent Advances in Plant Physiology.
Miller: Plant Physiology.
Raber: Plant Physiology.
Palladin: Plant Physiology.
Schimper: Plant Geography.
Warming: Ecology of Plants.

General Biology and Cytology :—

Dendy: Outlines of Evolutionary Biology.
Bateson: Mendel's Principles of Heredity.
Thomson: Heredity.
Punnet: Mendelism.
Darwin: Origin of Species.
Wallace: Darwinism.
Weismann: The Evolution Theory.
Coulter & Coulter: Plant Genetics.
Sharp: Cytology.

For Practical :—

Chamberlain: Methods in Plant Histology.
Strasburger: Practical Botany.
Bower: Practical Botany.
Darwin & Acton: Practical Physiology of Plants.
Detmer & Moore: Plant Physiology.

Journals and Periodicals :—

"Important Journals and periodicals may be recommended
from time to time by the Professor."

521

APPENDIX

Detailed Syllabus.

M. A. EXAMINATION

1. TELUGU.

1st Paper:—History of Telugu Language, Philology and Grammar.

Science of Language in general. Telugu Alphabet. Sounds. Comparison with Sanskrit and other Dravidian ones. Words. Pure Telugu words. Sanskrit words, their adaptation in Telugu. The script, its evolution. Philology as a science. Comparative phililogy of Dravidian languages. *Caldwell's* theory and later expositions.

The Dravidian base. Sanskritic analogy. *Caldwell's theory* and later expositions.

2nd Paper:—History of Telugu Literature. Criticism. Prosody & Poetics.

History of Telugu Poets. The main Literary principles and standards. Appreciation and status of poetry in literature. Reddy's principles of poetry and subsequent writers on the subject. Folk songs and Ballads.

The Theory of Poetry. Its Sanskritic origin. Rhetoric. Theory of Rasa and Dhwani. The Concept of Rase as exhibited in Modern Literature. Prosody. Indegenous Types and Metres— Dwipada. Kanda, Sisa and others. Sanskrit meters. The differences in their original and Telugu forms.

The changed outlook. Revolt against conventions in Language and Literature. Study of English Literature, its effect. The Revival of Song and Popular metre forms.

Concept of Love in Modern writers, New Metres.

3rd Paper:—History of Telugu People.

Telugu Literature as a faithful reflection of Andhra genius and Culture. A knowledge of their social history, customs & manners. The Andhras of Upanishadic Ramayana ages. Maghadha Empire. Their Patronage of Prakrit.

Chalukyas, their love for Telugu. Kakatiyas, Telugu writers in Sanskrit. Religious Tinge (Saivism). Reddi & Velama Kingdoms.

Viziaya Nagar. The departure in literary form. External influences on culture and civilization. Their effect on Literature.

The Nayaks of South India. The Women writers, Emergence of Drama and Stage. Song Literature.

The English Education. Its vital *impact*. The National and Socio-religious movements and their influence on Telugu Renaissance.

4th Paper:—*Poetry, Classical.*

The Trinity of Telugu Literature. Their work, Evolution in the method of Translation from Sanskrit. Srinatha and his school of Poets. Prabhandha writers. Double *Entendre.* Dwipada and Satake writers.

5th Paper:—*Poetry, Modern, and Drama.*

Drama. Works, translated from Sanskrit, English and Bengalee. A knowledge of Dramaturgy. Types of indegenous Drama—Yakshagana, Veedhi Nataka etc.

6th Paper:—*Prose.*

Prose in Telugu Classical works, Descriptive and Narrative. All-prose works.

Classical Prose of Chinnaya Suri and his School. The Language of Village recods and story telling. The Prose of Commentaries and Literary controversies. Essay. Veerasalingam. Biography, Novel & Drama. Short-Story.

7th Papers—*Essay.*

8th Paper:—*Special Author.*

His date and Works. Their nature and place in Literature. Contemporary Poets. A knowledge of their works. The History of the times, social condidtions and culture.

A detailed study of literary and linguistic features of one of his prominent works. A critical review and Estimate of the Poet.

2. ECONOMICS.

(Previous) Examination.

Paper I—Advanced Principles of Economics.

The students will be expected to show a thorough critical knowledge of the Economic theories of the classical Economists especially Marshall and Pigou and the approach to Modern Economics in the field of Production, Distribution, Exchange and Consumption.

1. Some preliminary observations about Economics.
   The substance of Economics. The scope and method of Economics.
   Controversies about the scope and method of Economics.
   Economic generalization or laws.

2. Wants and their satisfactions. Wants in relation to activities.
   Gradation of consumer's demand. The elasticity of wants. Choice between different uses of the same thing. Immediate and deferred uses. Value and utility.

3. The Agents of Production.
   The fertility of land. The tendency of diminishing return. The growth of Population. The health and strength of the population. Industrial Training. The growth of wealth. Industrial organisation. Division of labour. The influence of machinery. The concentration of specialized industries in particular location. Production on a large scale. Business management. Co-relation of the tendencies of increasing and diminishing returns.

4. General relation of demand and supply.
   Supply and value. Markets. Temporary equilibrium of demand and supply. Equilibrium of normal demand and supply. The investment and the distribution of resources. Equilibrium of normal demand and supply with reference to long and short term. Joint and composite demand. Joint and composite supply. Prime and total cost in relation to joint products. Marginal cost in relation to values.

Equilibrium of normal ·demand and supply. The Theory of changes in normal demand and supply in relation to the doctrine of maximum satisfaction. The theory of monopolies.

5. The distribution of National Income.
Preliminary survey of distribution. Earnings of Labour. Interest and Capital. Profit of Capital and businesss power. Rent of land.· General law of distribution.

6. A critical examination of the theories of Interest, Wages, Rent and Profit.

Paper II—History of Economic Thought.

The students will be expected to show a thorough critical knowledge of the history of Economic doctrines from the earliest time to the present day.

1. Economic thought before the Science of Economics.

2. The dawn of Modern Economic Thought and the evolutions of Economics as a Science. Mercantilism and Kameralism. The Physiocrats and the revolution in the social Philosophy. Adam Smith and his immediate predecessors. The followers of Smith - Bentham, Malthus, Ricordo. Carey and the American School. Bastiat and the French optimists. Senior, Say, Rau and other chief expositors in Germany and France.

3. The opponents and the leading critics of the classical school—(*a*) Individualistic critics, (*b*) Nationalistic critics and (*c*) Socialistic Critics.

4. John Stuart Mill.

5. The opponents and the leading critics. Critics of the philosophical and ethical system. The rise of scientific socialism. The critics of the scope and method.

6. The Historical School and its contribution to the Economic Science, The Austrian School and the development of the theory of value.

7. General account and criticism of the recent leading schools and Economists.

Paper.III—Sociology.

1. *Theoretical Sociology*:

   1. *The Origin of Societies and Social Progress.*

      (*a*) Primitive Societies, Institutions.

      (*b*) The stages of Social Progress.

      (*c*) The effect of geographical discoveries, scientific achievement, industrial progress, and political ideas on society.

   2. *Society and Environment.*

      (*a*) Relation between physical environment and social conditions, e.g. the influence of Soil, Mineral Resources, Climate.

      (*b*) The incluence of historical and religious factors on Social progress.

      (*c*) Characteristics and basic principles of Rural and Urban Sociology.

   3. *The Foundations of Society.*

      (*a*) The *Individual* and Social behaviour.

      The formation of the Human mind.

      The Individual Mind.

      The collective Mind.

      Family, Tribe, Caste, Class, Race, Nation.

      The Behaviour of Crowds (Theories of G. LeBon). Fashions and Customs.

      Folkways (Theories of Summer).

   4. *History of Sociological Thought.*

      (*a*) A brief survey of Sociological Thought, in the ancient and Medieval eras.

      (*b*) Important Theories and Principles of Modern Sociologists from Comte and Spencer to Pareto and Hobhouse

II. *Applied and Indian Sociology.*

   1. *Introduction.*

      (*a*) The Meaning of Applied Sociology and Indian Sociology.

      (*b*) The Relation of Applied Sociology to Economics, Politics, Science and Ethics.

      (*c*) The influence of Applied Sociology on Social Politics.

   2. *Wealth and Welfare*:

      (*a*) The meaning of Wealth and Welfare.

      (*b*) The criterion of Wealth and Welfare.

         Theories of Welfare. Standard of Living and Comfort.

         The Wealth and Poverty of India.

   3. *Social Pathology*:

(i) *Poverty and Pauperism.*

      (*a*) The extent of Poverty.

      (*b*) Principles of Relief.

      (*c*) Private poverty and unorganised charity, charitable institutions and organised charity.

      (*d*) The need of State Supervision & Social Legislation.

(ii) *Vice and Crime.*

      (*a*) The Meaning of Vice and Crime. Extent of Vice and Crime. Prison system. The treatment of the abnormal. Need of Reformatories. The Drink & Drug Evil in India. The temperance Movement. Theories of social Justice.

   4. *Social Reconstruction*:

      (*a*) The standard of Living.

      (*b*) The standard of Comfort.

      (*c*) The Problems of population and Modern Theories.

      (*d*) Principles of Social Legislations.

(e) Principles of Social Reform.

(f) Educational Sociology and Social Reforms.

5. *Indian Social Institutions*:

(a) The Caste System. Its different Aspect and effects; economic racial, political religious and social. The joint Family system. The Depressed classes. Merits and Defects of Indian Social Institutions. The Position of Women. Purdah. Child Marriage. Widow Re-marriage. Divorce. Polygamy. Devadasi.

(b) Islamic Influence on Indian Institutions. The Influence of Indian Institutions on Mohammadans. The effects of British and Western Thought on Indian Society.

Or Paper III—Politics.

History of later Political Theories from 1500 to the present day.

The scope of this paper should be the same as for M.A. (Previous) History Paper II.

Or Paper III—Economic History.

The course will deal with the main problems of agricultural, industrial and commercial development of (a) Germany and U. S. A. since 1815 and (b) Japan since 1868.

1. Introductory: General features of the economic development in the 19th Century.

The progress of industrialisation in the above countries. The principal changes in the development of agriculture, transport and foreign trade. The tariff policies of Government. The development of banking and currency. The financial crises. Trade. Labour Movement. Co-operation. Social Policy of the Governments.

Paper IV—

Monetary Problems, Cerntral Banking and International Trade (Currency and Banking)

1. Recent discussions of the Nature and functions of money; mainly the theories of Prof. Cassel, Knapp and Prof. Mises.

2. The value of money; recent discussions of the problem: Quantity theory as formulated by Fisher and Keynes: Its merits and drawbacks. The application of marginal utility theory to money.

3. The social effects of rising and falling prices.

4. The problem of the rate of interest; the relationship between interest and prices; the market rate and the Natural or Equilibrium rate; the power of the banks to regulate prices.

5. Analysis of the modern theories of the Trade cycle; A short account of the theories of Hawtrey, Keynes, Mises and Heyek.

6. The problem of the Gold standard, working of the pre-war Gold standard; changes in the functioning of the Post-War Gold standard; causes and consequences of the breakdown of the gold standard in the case of Great Britain.

7. A comparative study of the Central Banks of the leading countries; England, France, Germany and the U. S. A.

Inconvertible paper currencies.

The balance of payments; exchanges under gold standard,

International Trade.

The theory of the comparative cost. Supply and demand in International Trade. International Trade and general equilibrium.

Trade policy; free trade and protection; dumping, cartels, monopolies and export bounties. Quota system. Commercial treaties.

(Final) Examination.

Paper I—Advanced Indian Economic Problems.

There is no set syllabus for this paper. The student will be expected to show a thorough critical knowledge of the modern Indian Economic Problems in the field of Agriculture, Trade, Commerce, Industry, Labour, Banking, Currency and Finance. The treatment should be original and critical.

Paper II—Essay.

An essay of three hours relating to a problem covered by the entire M.A. Syllabus.

PHILOSOPHY.

Previous.

<div dir="rtl">

فلسفہ اسلام

بی ۔ اے میں فلسفہ اسلام کے جو چار شعبے داخل ہیں ایم ۔ اے میں ان میں سے کسی ایك کو تفصیلی و تخصیصی مطالعہ کے لئے لینا ہوگا یعنی یا (۱) علم کلام (۲) یا فلسفۂ مشائیہ و اشراقیہ (۳) یا تصوف (۴) یا فلسفۂ قرآن ۔

علم کلام

اسلام میں ابتدائی اختلافات کی نوعیت نقلی تھی نہ کہ عقلی۔ اس کے اسباب کہ قرون اولیٰ اور دور صحابہ میں عقلی چون و چرا اور اختلافات کیوں نہیں رونما ہوئے۔ کلامی مباحث کا آغاز۔ اس کی دو قسمیں عقلی و نقلی ۔ عقلی کلام کب اور کیسے پیدا ہوا ۔ اہم اسلامی فرقے ۔ میکڈانلڈ کا دعویٰ کہ مسلمانوں کے مشہور بہتر فرقوں میں کم از کم ستر شیعہ میں ہیں ۔ شیعیت کا عقلیت یا اعتزال کا فلسفہ سے خاص تعلق ۔

</div>

مسئلهٔ حدوث و قدم عالم ـ ابطال قدم و اثبات وجود باری ـ
مباحث ذات و صفات ـ وجود الله عین ذات الله ہے ـ ذات الله
مغائر سائر موجودات ہے ـ زمان و مکان و جهت سے منزه ہے ـ
کنہ ذات کا علم ناممکن ہے ـ اتصاف ذات بالحوادث کی نفی ـ
صفات وجودیه و سلبیه ـ تشبیه و تنزیه ـ توحید و نفی اتحاد و حلول ـ
بحث استوا و وجه یـد وغیره ـ مسئله رؤیت باری ـ بحث کلام
نفسی و لفظی ـ افعال الله ـ دوام فاعلیت باری تعالے ـ خلق افعال ـ مسئله
قضا و قدر ـ مسئله و خلق افعال کسب عبد ـ

اثبات نبوت ـ قرآن و اعجاز قرآن ـ معجزه و سحر و کرامت ـ
عصمت انبیا ـ ختم نبوت ـ جن و ملائکه ـ شیطان ـ حسن و قبح اور
اس کا عقلی یا غیر عقلی ہونا ـ حقیقت ایمان ـ ایمان میں نقص و زیادت ـ
ایمان اور اعمال ـ مباحث معاد ـ ثواب و عقاب ـ توبـه اور عفو و
مغفرت ـ جنت و نار ـ مسئله امامت ـ مسائل نفس و جسم ـ ابطال
تناسخ ـ

مسئله جواهر و اعراض ـ تولد افعال ـ مسئله کون ـ طفره
جزء لا یتجزی و جوهر فرد ـ شی اور وجود و عدم ـ

کتب حواله و مطالعه

(۱) ملل و نحل شہرستانی و ابن حزم (۲) الفرق بین الفرق
(۳) الاقتصاد للغزالی (۴) مباحث مشرقیه للرازی (۵) تمہید
ابوشکور سالمی (۶) طوالع الانوار قاضی بیضاوی (۷) الهیات و
نبوات شرح مواقف (۸) وشرح مقاصد (۹) میکڈ انلڈ کی
مسلم تھیالوجی ـ (۱۰) تهافت فلاسفه للغزالی ـ

فلسفۂ مشائیت و اشراقیت

مشائیہ

۱ - قیاس استغراد و تمثیل کی تعریف کی تعریف و تحدید اور مباحث
برہان ۔

۲ - تجوہر اجسام ۔ حرکت ۔ علۃ محرکہ و محرك اول ۔
حرکت کی ازلیت و ابدیت ۔ زمان ومکان ۔ متناہی و نامتناہی ۔
وحدت عالم ۔ جزء لا یتجزی ۔ ہیولی و صورت ۔ خلا ۔ افلاك ۔

۳ - نفس و قواۓ نفس ۔ حواس باطنہ و ظاہرہ ۔ فکر و
ادراك ۔ نفس ناطقہ حرکت ارادی ۔ وحدت نفس ۔ نفوس سماویہ
عقل و اقسام عقل ۔ عقل فعال ۔ عقل مفارق ۔

۴ - وجود اور اسکی تعریف و تحدید ۔ اسکی ماہیت و
اقسام ۔ اغراض و جواہر ممکن و واجب ۔ قدیم و حادث ۔ علت و
معلول ۔ اثبات واجب الوجود ۔ صدود واحد از واحد (الواحد
لایصدر منہ الاالواحد) شر اور قضا و قدر ۔ مباحث معاد ۔ مباحث
و نبوت ۔

۵ - ابن سینا وابن رشد میں سے کسی ایک سے مفصل واقفیت ۔

اشراقیہ

مشائیت و اشراقیت کا اصولی فرق ۔ ذوق و کشف اور
فکر و استدلال کے دو جداگانہ ذرائع علم ۔

مشائیہ کے اصول تعریف و تحدید کا رد مباحث ۔ نور و
نفس ناطقہ و انائیت ۔ صدور کثیر از واحد ۔ علم اللہ ۔ مجعول ماہیت ہے

نہ کہ وجود ـ روح اور نفس ناطقہ میں تعلق ـ حواس باطنہ کی تحقیق ـ
مفارقتِ نفس از بدن ـ شرو شقاوت ـ اطلاع مغیبات ـ احوال سالک ـ

کتب حوالہ و مطالعہ

نجات ابن سینا ـ مقاصد الفلاسفہ ا،م، غزالی ـ مباحث مشرقیہ
و لباب الاشارات امام رازی ـ اخوان الصفا ـ اسفار اربعہ ـ ابن رشد
مولوی یونس ـ ابن رشد ریتان ـ تھافۃ التھافت ـ کتاب المعتبر ـ شرح
حکمۃ الاشراق ـ

تصوف

۱ ـ تصوف وسرّیت میں فرق و تعلق ـ مغربی مصنفین و
مستشرقین کا دونوں میں خلط مبحث ـ خالص اسلامی تصوف ـ
بیرونی اثرات خصوصاً نوفلاطونیت کے ـ

۲ ـ صوفیانہ زندگی ـ اس کی خصوصیات ـ اسلام میں
ان خصوصیات کی اصل ـ غیر اسلامی صوفیانہ زندگی سے اصولًا اسکا
فرق ـ ریاضت ورھبانیت (ترکِ دنیا) کا اسلامی و غیر اسلامی مفہوم ـ

۳ ـ صوفیانہ نظریۂ علم ـ محققین صوفیاۓ اسلام اپنے
مسائل وتعلیمات کی بنیاد کس ذریعۂ علم پر رکھتے ہیں ـ اور دیگر سرّیہ کا
مدار کس ذریعۂ علم پر ہے ـ وحی اور الہام (یا کشف و وجدان)
میں فرق ـ اہل مغرب وحیٔ اسلامی کا تصور نہ سمجھ سکنے کی وجہ
سے اسکو بھی بالعموم کشف و وجدان ہی کی ایک صورت یا ایک درجہ
قرار دیتے ہیں ـ

۴ ۔ صوفیانہ نظریۂ توحید ۔ قرآنی توحید۔ صوفیانہ وحدت الوجود کادیگر مذاہب و فلاسفہ کے وحدۃالوجود سے دقابلہ و دوازنہ شیخ ابن عربی کی وحدۃ الوجود ۔ حضرت مجدد کی وحدت شہود شاہ ولی اللہ کی دونوں میں تطبیق ۔ صوفیانہ وحدۃ الوجود کا کتاب وسنت میں ماخذ ۔ عینیت محضہ یا اوتاریت وغیرہ کی انسانی الوہیت سے اس کا بعد ۔ تجدد امثال ۔

۵ ۔ عشق و محبت ۔ تصوف میں اس پر زور ۔ اسکو بیرونی اثرات یا نوفلاطونیت سے ماخوذ قرار دینے کی غلطی ۔ کتاب و سنت میں اسکی اصل و تعلیم ۔

۶ ۔ وصال یا قرب ۔ اسلامی تصوف میں اس کا مفہوم ۔ قرآن میں اسکی اصل ۔ حلول واتحاد کی نفی ۔ قرب فرائض و قرب نوافل ۔

۷ ۔ باطنیت پسندی ۔ قرآن وحدیث میں اسکی اصل ۔ شریعت و طریقت میں فرق و تعلق ۔ جاہل صوفیہ کی اس باب میں ضلالت و اضلال ۔

۸ ۔ جنت طلبی کے بجائے خدا طلبی۔ اسکا مفہوم و مدعا ۔ قرآن وحدیث کی خالص اسلامی تعلیمات میں دونوں کا مرتبہ و مقام ۔

۹ ۔ رجال تصوف ۔ ذوالنون مصری ۔ جنید بغدادی ۔ ابن منصور حلاج ۔ بایزید بسطامی ۔ حارث محاسنی ۔ امام غزالی ۔ علاءالدولہ سمنانی ۔ ابن عربی ۔ مولانا روم ۔ مجدد الف ثانی ۔ مولانا جامی ۔ شیخ جیلانی ۔ شاہ ولی اللہ ۔

کتب تصوف

رسالہ قشیریہ ۔ کتاب اللمع ۔ لوائح جامی ۔ نفحات الانس جامی ۔ مثنوی ۔ فتوح الغیب ۔ فصوص الحکم و مقدمہ مصوص از

مبارک علی ۔ انسان کامل ۔ مکتوبات حضرت مجدد ۔ مکتوبات شیخ منیری ۔ اکمال الشیم ۔ علم الکتاب خواجہ میر دردی ۔ کشف المحجوب ۔ عوارف المعارف سہروردی ۔ فوائد الفواد محبوب الہی ۔ التکشف فی التصوف مولانا تھانوی ۔ عبقات حضرت شہید ۔

فلسفہ قرآن

اس کے دو اجزا ہونگے (۱) متن قرآن اور (۲) مسائل قرآن (۱) متن قرآن میں صرف سورۂ بقرہ داخل ہے ۔

﴿۲﴾ مسائل قرآن

۱ ۔ قرآن کا خاص نظم و اسلوب ۔ عام انسانی کلام سے اس کا فرق ۔ قرآن کی سرزمین ۔ قرآن کی قوم ۔ قرآن کی پیش کرنے والی شخصیت ۔ اس میں اور فلاسفہ کی شخصیتوں میں فرق ۔ قرآن اور فلسفہ کی سرزمین اور اقوام میں فرق ۔ خود قرآن و فلسفہ میں فرق و تعلق ۔

۲ ۔ مسئلۂ علم (قرآنی علمیات) مذہب کی بنیاد غیب پر ۔ علم غیب کی غیراللہ سے نفی ۔ انسان کے لئے علم کی راہ وحی و تنزیل ۔ علم وحی یا علم تنزیل کی حقیقت ۔ اس میں اور علومِ عقلیہ و کشفیہ میں فرق ۔

۳ ۔ ایمان و کفر ۔ ان کی لغوی و اصطلاحی تحقیق ۔ ان کا امور غیبیہ سے تعلق ۔ اور ان امور غیبیہ کا انسانی فطرت و حیات سے تعلق ۔ ایمانی علم کا استدلال و کشفی علم سے مقابلہ و موازنہ ۔ ایمان و عمل کا تعلق ۔ عمل بلا ایمان اور ایمان بلا عمل ۔

۴ ۔ مسئلہ تخلیق ۔ (قرآنی کونیات و وجودیات) خالق یا اللہ کا قرآنی تصور اور اسکی ذات وصفات ۔ خصوصاً صفت ربوبیت " اللہ خالق کل شیٔ " کے تحت شی کی حقیقت سے بحث اور شی و مشیت کا اشتقاقی تعلق ۔ تخلیق کی نوعیت و ماہیت ۔ خالق و مخلوق یا حادث و قدیم کا ربط ۔ ،، اولی اللہ شک فاطر السموا والارض،، کے تحت وجود اللہ کی غیر مشکوک دلیل اور فاطر و خالق کا فرق ۔

۵ ۔ قرآنی توحید توحیدالہ نہ کہ توحید اللہ ۔ مفھوم الٰہ اور اللہ ورب کا ربط ولزوم ۔ ربوبیت واستعانت ۔ شرک کے معنی اور اقسام ۔ قرآنی توحید ھی قرآنی اخلاقیات سیاسیات وغیرہ تمام تعلیمات اسلام کی اساس ھے ۔ توحیدالہ کے انسانی حیات پر انقلابی اثرات ۔

٦ ۔ مسئلۂ رسالت :۔ رسالت کی قرآنی نظریہ علم سے تعلیل و توجیہ " لایظھر علی غیبہ احد الامن ارتضی من رسول " ۔ رسالت و بشریت میں فرق و تعلق ۔ رسول اور عام مفکرین و مصلحین میں فرق ۔ رسول کی شناخت ۔ رسول اور نبی میں فرق و تعلق ۔ تعلیم انبیا کی وحدت ۔ ختم نبوت ۔

۷ ۔ خلافتِ آدم (قرآنی اخلاقیات) اللہ اور خلیفۃ اللہ کے تعلق کی " نفخت فیہ من روحی " کے تحت توجیہ و تشریح ۔ انسان کی عبدیت اور اس کا مقصد تخلیق ۔ اس مقصد کی تکمیل کے لئے رب کی حاجت اور اس سے عبد کا تعلق ۔ خیر و شر ۔ تقدیر و تدبیر ۔ جبرواختیار ۔ ملائکہ اور شیطان ۔

۸ ۔ موت اور آخرت :۔ موت کی حقیقت رجوع الی اللہ ۔ آخرت کی غایت و نوعیت کا یوم الدین یوم الفصل ویوم الحساب وغیرہ سے تعین ۔ فطرت انسانی کے مطالبات کی تکمیل کا آخرت کے

بغیر عدم امکان ۔ جزا وسزا ۔ جنت وجہنم ۔ اللہ تعالیٰ کی رویت ورضا
اور اس سے محرومی ۔

۹ ۔ قرآنی سیاسیات :۔ انسان پر انسان کے حکم وامر کی
نفی جو خالق ہے وہی آمر۔لازماً انسان کے حق قانون سازی کی نفی
قرآنی حاکم یا خلیفہ وامام کی حیثیت ۔ اسکے نصب، وعزل کا مسئلہ۔
اس کے اختیارات اور اسکی اطاعت ۔ اسکی ذات میں شخصیت و
جمہوریت کا امتزاج ۔ شوریٰ کی نوعیت اور وسعت ۔ رعایا کی
حریت اور اسکے حدود ۔ حکومت میں رعایا کی مداخلت اور آواز۔
عدل و مساوات ۔

کتب مطالعہ

ترجمۂ قرآن شاہ رفیع الدین وشاہ عبدالقادر۔ فوز الکبیر و فتح
الرحمن شاہ ولی اللہ ۔ بیان القرآن مولانا تھانوی۔ بیان القرآن مولوی
محمد علی لاہوری۔ ترجمان القرآن مولوی ابوالکلام۔ تفسیر فتح الفریر (بقرہ)
رسائل مولانا فراہی ۔ حجۃ اللہ سیرۃ النبی ۔ کشاف المہدی ۔

مسائل قرآن میں زیادہ تر ہر مسئلہ سے متعلق آیات قرآنی
کا استقصا اور ان سے استنباط نتائج اور احادیث صحیحہ سے توثیق ۔

Metaphysics with special Refence to Contemporary Philosophy.

Candidates will be expected—(1) to have a general knowledge
of History of Philosophy as
covered by the syllabus in
History of Philosophy for
the B. A. Degree Examina-
tion.

         (2) to make a critical study of
         the Philosophical systems of
         Kant, Fichte, Schelling
         Schopenhauer and Hegel as
         presented e.g. in Calken's
         persistent Problems of Philo-
         sophy.

         (3) to have a general knowledge
         of the following currents of
         contemporary thought:

(1). Idealism.

(2). Realism. Neo-Realism and Critical
    Realism.

(3). Pragmatism.

(4). Bergson's Philosophy.

Aesthetics.

The definition of Art.

1. The Intrmsic Value of Art.
2. Art as an expression of value.
3. The analysis of the Aesthetic Experience. Art as the ex-
   pension of experience and the enlargement of the self.
4. The Aesthetics of Music.
5.   ,,   ,, Poetry & Prose Literature.
6.   ,,   ,, Painting.
7.   ,,   ,, Sculpture.
8.   ,,   ,, Architecture.
9. Art and Science.
10. Art and Nature.
11. Art and Morality (The Problem of Evil in sex).
12. The Problem of the Tragic.
13.   ,,   Pathetic.
14. The sublime and the Beautiful.
15. The Comic.

16. Art and Religion.
17. The Metaphysical basis of aesthetical experience.

Philosophy of Religion.

1. The nature of Religion :—
Epistomological treatment.
Psychological treatment.
Sociological treatment.
2. Religious attitudes as mainly axiological Relief in the conservation of Values.
3. God and the absolute: Theism. Polytheism, Pantheism.
4. Proofs of the existence of God.
5. The non intellectual or ultra rational basis of religious faith :—Revelation, Intuition.
6. The problems of Immanence and transcendence Imanation and creation.
7. God and Personality.
8. The Problem of the Individual.
9. The Problem of Evil.
10. The Freedom of the Will and the Moral problems.
11. Time and Eternity.
12. Immortality.
13. Personal and institutional religion.
14. The variety and validity of religious experience.

Ethics and Political Philosophy.

A deeper and more advanced study of the syllabus in Ethics for the B.A., with special emphasis on the following topics :—

1. The Basis of Morals in modern paychology with special reference to Feud Adler and Jung.
2. The deermination of the concept of the Good.
3. The Relation of the Good to the True and the Beautiful.
4. How Morality leads to Metaphysics and religion.
5. The Ethics of Idealism.

6. The moral significance of the institutions of Prosperty, Family and the State.

Political Philosophy.

The origins of Society and the State.
The Social Contract.
The origions of Sovereignty.
System of Government:—
Monarchy, Aristocracy, Democracy Facism, Communisum.
The Problems of War and Peace.
Nationalism and Internationalism.
Evolution of Pilitical institutions.

Syllabus of Psychology.

The role of Psychology as a science, Methods of Psychology.

Facts of Mental Life—Sensation, Image, perception, attention, Imagination, Association, Memory and Recognition, Thought, Feeling and Emotion.
Conation. The concept of Phychic Elements—their moods of combination.

The general structure of the nervous system—structure of the nervous system—structure and function of the sense organs. cerebral localization. The different bodily organs and their influence upon the mental life.

Historical development of the fundamental concepts The stand-points of Psychology. Self-Consiousness. The Unconscius and the sub-conscious. Psychic cansality Mental Activity. The relation between body and mind.

Comparative and Abnormal Psychology. Criteria of Mind and Intelligence. Types of animal behaviour. Learning process. Course of Mental development.

Psychic determinism. Methods of investigation. The unconscious and Repression. The sexual Instinct and Perversions. Hypnotism. Dream. Psyhopthology of every day life. Neuroses, Psychoneuroses and Psychoses.

4. (*MATHEMATICS*).

1. *Algebra*:—Theory· of numbers - theory of determinations - theory of matrices - quadratic and bilinear forms - theory of groups - theory of probability - theory of equations - inequalities.

(Standard as in Bocher, Chrystal, Weber).

2. (a). *Coordinate Geometry*:—Generators - Confocals - General second degree equation in three dimensions.

   (b). *Differential Geometry*:—Curves in space - Curvilinear co-ordinates on a surface - developable surfaces - curvature of a surface - geodesics - ruled and minimal surfaces. (Standard as in Sommerville, Weatherburn, Eisenhart).

3. *Functions of Real Variables*:—Theory of irrationals - theory of sets of points - limiting points - discontinuities - Riemann integral - measure - Lebesque integral - improper integrals - Beta and Gamma functions - functions of several variables - curvilinear, integrals, series (uniform convergence and summability). (Standard as in Goursat, de Valle Pousson, Pierpoint and Townsend).

4. *Differential Equations*:—Existence theorems for ordinary differential equations - Integrating factors - singular solutions - second order equations - solution in series - Legendre, Bessel and Lame functions - Hypergeometric series - variation of parameters simultaneous equations - total equation - Largrange's equation - general partial differential equation of the first order - Monge Ampere equation - equations of mathematical physics - elements of the calculus of variations. (Standard as in Goursat, Forsythe, Webster and Bateman).

5. *Complex Variable, Elliptic Functions.*—Analytic functions - analytic continuation - singularities - theory of residues - Contour integration - Conformal representation - integral functions - elementary Weirstrassian and Jacobian elliptic functions.. (Standard as in Titchmarsh, Goursat, Borel, Whittaker and Watson).

6. *Mechanics*:—Forces in three dimensions - screws and wrenches - Equilibrium of strings - motion of a rigid body in a plane - motion of a rigid body in three dimensions (excluding the theory of the top) - Hamilton's variation principle - Lagrange's Equations - Canonical equations - intregration of canonical equations. (Standard as in Ramsay, Routh, Whittaker).

7. *Potential Theory*:— Potential in a plane and in three dimensions - various boundary value problems - applications to gravitation electrodynamic and hydromechanic - method of solving problems. (Standard as in Kellog, Jeans, Ramsay).

M. Sc. EXAMINATION

1. CHEMISTRY

(Previous Examination)

Inorganic Chemistry:—

Theory:—(Approximately fifty lectures).

Study of the following elements and their chief compounds:—

Inert gases, Sc, Y, Ce. Hf, Th, metals of the pt - group.
Elementary ideas on allotropy, valency.

Technology of H_2O—varieties, purification for potable and industrial purposes.

Metallurgy of Fe, Cu, Pb, Zn, Al.

Manufacture of Cl_2 bleaching powder and bleaching liquors; H_2So_4, HNO_3 alkalies, porcelain; artificial fertilizers - nitrates, ammonium sulphate, superphosphate of lime; fuel gases, producer gas, water gas, semi-water gas, regenerative and recuperative systems.

Practical:—(Approximately fifty practicals).

Qualitative semi-micro analysis of mixtures containing not more than two basic and two acidic radiclals.

Analysis of simple alloys, minerals and commercial products,

Silver coin, solder, German silver, dolomite, iron pyrites, superphosphate of lime and cement.

Gas analysis—estimation of CO, CO_2, O_2

Water analysis—Total solids, NH_3, organic matter, chloride, hardness.

Estimation of calorific value of coal by Bomb calorimeter.

Preparation—$KMnO_4$ from pyrolusite, $K_2Cr_2O_7$ from chrome-iron stone, superphosphate of lime from bones, brass-plating.

ORGANIC CHEMISTRY.

THEORY:—

Oils, fats and waxes:—Occurrence, classificaton, methods of expression and extraction, refining, identification and

chemical composition, Hydrogenation of oils, methods of hydrolysing oils and fats. Soaps. Application of oils in printing inks and varnishes. Butter substitutes.

Carbohydrates :—Classification and nomenclature. General methods of synthesis of monosaccharides and their reactions. Configuration of glucose and fructose and of the glucosides Salicin and Indican. Mutarotation. Starches. Celluloses and their chemical composition. Paper manufacture. Artificial Silk industry:

Polymethylenes :—General methods of preparation and properties. Baeyer's strain theory.

Mono and dicyclic terpenes and camphors :—Limonene, Dipentene, Terpineol, Terpin, Menthol, Menthone, pinene, Camphor.

Heterocyclic compounds :—Pyrrole, Furane, Thiophene, Pyridine, Quinoline, Isoquinoline.

Alkaloids :—Piperine, Coniine, Nicotine, Atropine, Cocaine.

Colour Chemistry :—Azo dyes, Triphenylmethane and Roseaniline dyestuffs. Relationship between colour and constitution. General principles of dyeing.

Amino-acids and their derivatives :—Physiological importance. Synthesis of mono and di-amino-acids. Properties and constitution. Action of yeast and moulds on amino-acids. Distinction between L, B and Y-amino-acids. Glycine, Sarcosine, Betaine, Alanine, Leucine, Isoleucine, Ornithine, Arginine, Lysine, Histidine.

Polypeptides :—Physiological significance. Methods of synthesis and properties.

Proteins :—Physiological significance and importance as food-stuffs. Physico-chemical and chemical properties Classification. Decomposition products.

Stereochemistry of Carbon and Nitrogen. Geometrical Isomerism. Tautomerism.

Applications of the Electronic Theory of G. N. Lewis to a few organic reactions such as Esterification, Hydrolysis, and Isomeric changes.

PRACTICAL :—(Approximately forty practicals).

Identification of simple organic compounds and mixtures. Estimation of Carbon, Hydrogen, Nitrogen, Halogens and Sulphur, by ordinary or micro methods.

Estimation of Hydroxyl, Methoxyl and Amino groups by ordinary or micro methods.

Determination of saponification, iodine and acid values of oils and fats.

Estimation of free Alkali and acids in soap.

Estimation of sugars by Pavy's solution.

Extractions with Soxhlets' apparatus.

Preparation of about ten organic compounds, by laboratory methods, from amongst the following:—

Acetyl chloride, Benzoyl chloride, Acetamide, Benzal-dehyde, Cinnamic aldehyde, Cinnamic acid, Salicylal-dehyde, Salicylic acid, Acetophenone, Benzophenone, Benzhydrol, Benzoin, Benzil, Triphenylchloromethane; Ethylbenzene, Bromobenzene, Ethyl benzoate, Ethylaceto-acetic ester, Ethylmalonic ester, and Ethylmalonic acid, Phenylhydrazin hydrochloride, m - Dinitrobenzene, m - and p - Nitranilines, Sulphanilic acid, m - Nitro-benzoic acid, o and p - Nitrophenols, p - Cresol, Anisole, B - Naphthol acetate, Methyl orange, Fluorescein, Eosin, Qunioline.

Preparation by semi-scale methods, of a few typical industrial products such as the following:—

Citral from lemon-grass oil, Geraniol from palm-rose oil, Eugenol from oil of cloves and Vanillin from Eugenol, Coumarin, Acetanilide, Acetyl-salicylic acid (aspirin), Phynolphthalein, Formaldehyde, Paraldehyde, Veronal, Antipyrine, Saccharin, Caffeine and Procaine.

PHYSICAL CHEMISTRY.

THEORY :—(Approximately forty lectures).

N.B.—Emphasis will be laid on the application of physico-chemical principles to industry and the historical development of the subject.

1. Radioactive disintegration. Cathode rays, positive ray analysis, Isotopes, Atomic number. Rutherford-Bohr-Somerfeld theory of atomic structure. Electronic theory of valency.

2. Heat capacity, surface tension and viscosity of liquids. Association of liquids. Heat capacity of solids. X-rays and crystal structure.

3. Relation of physical properties such as parachor, refractivity, absorption spectrum and Raman spectrum to chemical constitution.

4. Laws of thermodynamics. Gibbs-Helm holtz equation. Equation of Calusius. Relation between the molecular elevation of the boiling point and the latent heat of evaporation. Relation between the molecular depression of the freezing point and the latent heat of fusion. Free energy of a chemical change or chemical affinity and its measurement. Nernst's heat-theorem.

5. Phase Rule and its application to binary liquid mixtures, alloys and hydrated salts. Fractional distillation and steam distillation. Distribution Law.

6. Chemical equilibrium. Derivation of the law of Mass action. Vant Hoff's Isotherm. Effect of temperature and pressure on chemical equilibrium. Reaction Isochore.

7. Velocity of chemical actions. Complex reactions. Reaction velocity and temperature. Theory of molecular activation. Energy of activation. Catalysis and adsorption.

8. Electrical Conductivity of acqueons non-aqueous solutions. Behaviour of strong electrolytes. Theory of complete ionisation, treated in a simple way.

Application of conductivity measurements in analytical chemistry.

9. Equilibria involving weak electrolytes. Hydrolysis of salts. Theory of indicators.

10. Electrode potentials. Electro-motive-force of a galvanic cell, concentration cells. Theory of the Hydrogen and the quinhydrone electrode. Determination of Hydrogen ion concentration and the solubility of sparingly soluble salts by E. M. F. measurements. Electrometric titrarions. Electro-metric detrmination of activity coefficient and transport numbers.

11. Polarisation. Decomposition voltages. Over-voltage. Storage batteries.

12. Physical properties of colloids. Ultra-microscope. Brownian movement. Determination of Avogadro's Number. Electric charge on colloidal particles. Co-agulation of Colloids, Protective action of Colloids. Adsorption.

13. Laws of photo-chemistry. Study of a few typical photo-chemical reactions. Photo-sensitisation.

Practical:—(Approximately forty practicals).

Physico-chemical experiments on the following subjects:—

(In selecting exercises special attention will be paid to the bio-chemical and industrial aspects of physical chemistry.)

1. Density of liquids.
2. Vapour density.
3. Molecular weight by the boiling point method.
4. Molecular weight by the freezing point method.
5. Solubility of liquids in liquids.
6. Solubility of solids in liquids.
7. Viscosity of liquids and solutions.
8. Surface tension of liquids and solutions.
9. Velocity of reactions.
10. Partition Co-efficient.
11. Heat of combustion and neutralisation and solutions.
12. Transition temperature.
13. Adsorption.
14. Polarimetry.
15. Refractive indices of liquids and solutions.
16. Identification of elements from their emission spectra.
17. Absorption spectra of solutions.
18. Electrical conductivity of solutions.
19. E. M. F. measurements.
20. Hydrogen ion concentration or PH value.
21. Electro-metric titrations.
22. Preparation and purification of typical colloids.
23. Electric charge, coagulation and protective action of colloids.
24. Comparison of radio-active properties of different substances.

(*FINAL EXAMINATION*.)

INORGANIC CHEMISTRY :—

Theory :—

Per-acids and their salts-preparation, properties, constitution and uses of the per-acids and per-salts of S, C, B, N, P, and Cr. Rare-earths - history of discovery, sources, separation, proties and uses.

Ceramics - brief history, classification, raw materials, bodies, furnaces, pyrometry, glazes, enamel, firing.

Electro-Chemical industries - electric furnaces, manufacture of NaCl; electrolysis of fused salsts of Al, Mg ; fixation of N.

Intermetallic compounds - alloys, classification, methods of deter-CaC_2' 'SiC, graphite, CS_2, $CaCN_2$ ferro-alloys; electrolysis of mination, study of typical binary systems.

Complex salts- - formation, stability, determination of the composition, the coordination theory, Chelate groups, arrangements of co-ordinated groups in space.

Recent investigations - new elements, D, D_2O, compounds of inert gases, artificial radioactive substances, hydrides, carbides, nitrides and carbonyls. of metals.

ORGANIC CHEMISTRY.

THEORY :—

Alkaloids :—Papaverine, Narcotine, Morphine, Codine and Thebaine. Uric acid, Purine, Caffeine, Theobromine, Theophylline.

Synthetic drugs :—Salvarson, Atoxyl, Veronal, Atebrine, Antipyrine, Phenacetin.

The Chemistry of Indigo :—Indole; Occurrence, synthesis and properties, relationship to indigo and porteins. Indoxyl, Oxindole and Isatin. Indigo (natural and synthetic).

Free Radicals :—Discovery of Triphenylmethyl, theories advanced to elucidate its constitution. Preparation and properties of Triarylmethyls, free alkyl radicals, bivalent and quadrivalent nitrogen.

Terpenes and Camphors:—In addition to those laid down for M. Sc. previous examination the following:—

Monocyclic terpenes and camphors:—Terpinolene, Terpinenes, Sylvestrene, Phellandrenes, Cineol, Pulegone and Carvone.

Dicyclic terpenes and camphors:—Borneol, Camphane, Bornylene, Camphene, Fenchenes and Fenchyl alcohols.

Olifinic Terpenes and their Oxy-genated derivatives:—Isoprene, Citronellal, Methyl heptenone, Geranic acid, Rhodinal, Citral.

The Chemistry of Rubber:—Historical, natural and synthetic rubbers and their chemical composition. Properties.

Distillation products.

PHYSICAL CHEMISTRY

THEORY:—

Photo-Chemistry:—Nature of radiant energy. General laws of the emission and absorption of radiation. Theory of the emission and absorption of radiation by atoms and molecules. Pre-dissociation spectra. Fluorescence. Resonance radiation. Phosphorescence. Chemiluminescence. Grotthus—Draper law. Einstein's law of Photo-Chemical equivalence. Quantun yield. Photo-Chemical technique. Photo-Chemical equilibrium. Photo-chemical kinetics. Actinometry. Detailed study of important Photo-chemical reaction and their mechanism. Influence of wavelength, light intensity, temperature and other factors on quantum yield. Photo-sensitisation. Photo-chemical catalysis and inhibition. Photo-chemical after-effects. Role of Chlorophyll in Photo-synthesis.

MOLECULAR STRUCTURE:—

Absorption spectra, Raman spectra. Di-pole moment and Magnetism in relation to Molecular structure and chemical constitution.

2. *PHYSICS.*

(PREVIOUS EXAMINATION)

In addition to what is included in the B.Ss. Course a detailed study of the following:—.

Paper I.—General Physics and Sound.

Gravitation: Elasticity; Theory of Surface Tension Phenomena: Viscosity of Liquids, Gases and Vapours; Compressibility of Liquids; Kinetic Theory of Gases and its application; Vibration of Strings, Membranes, Plates and Bars; Forced Vibrations; Combinational Tones; Resonance; Reflection and Refraction of Sound Waves; Supersonic Waves.

Paper II.—Optics (Geometrical and Physical).

Mirrors, System of lenses; Chromatic and Spherical Aberrations; Interference; Diffraction; Dispersion; Double Refraction of Crystals: Polarisation; Elements of Spectrography: Line Spectra; Series Spectra; Band Spectra; Bohr's Theory of Spectra; Elementary knowledge of Electro and Magneto-Optics.

Paper III.—Heat (Including Thermodynamics).

Thermometry; Measurement of High and Low Temperatures, Equations of State; Specific Heats at high and low Temperatures; Vapour pressure of Metals; Conductivity; Laws of Radiation; Radiation Pressure; Thermodynamical Formulae and applications; Entropy; Nernst Heat Theorem.

Paper IV.—Practical work in Properties of Matter, Heat

and Sound.

1. Young's Modulus by Koenig's Method.
2. Young's Modulus of a Spiral Spring by Wilberforce Inertia Bar.
3. Young's Modulus of a glass plate by interference Method.
4. Determination of Poisson's Ratio.
5. Modulus of Rigidity of a spiral Spring by Wilberforce Intertia Bar.
6. Torsional Hysteresis for a wire.
7. Temperature co-efficient of Rigidity and Young's Modulus.
8. Surface Tension of liquids by Jager's Method.
9. Surface Tension of liquids by Ferguson's Method.

10. Surface Tension Balance for liquids at different concentrations and temperatures.

11. Viscosity of liquids at different temperatures by flow through a capillary tube (with kinetic energy correction).

12. Viscosity of liquids by Rotating Cylinder Method. (Willow's appr.).

13. Viscosity of liquids by Oscillating Disc. (Meyer's Method).

14. Viscosity of liquids by Stoke's Law.

15. Viscosity of a gas by Rankine's Method.

16. Viscosity of a gas by Anderson's Method.

17. Variation of Viscosities of air with temperature and determination of Sutherland's Constant.

18. Specific Heat of a substance by Joly's Steam Calorimeter.

19. Specific heat of liquids by Callendar and Barne's Flow Method.

20. Determination of Specific Heat by Bunsen's Ice Calorimeter.

21. Latent Heat of vaporisation by Berthelot's Apparatus.

22. Heat of Solution of salts.

23. Use of Beckmann's thermometer in determining the rise of boiling point and the depression of freezing point of a solvent.

24. Vapour Density by Hofmann's Method.

25. Vapour Density by Dumas Bulb. (with correction).

26. Vapour Tension of water at various temperatures.

27. Thermal Conductivity of a metal bar (Angstrom's Method).

28. Thermal Conductivity of a bad conductor in the form of powder.

29. Total Emissivity of the surface of a wire at various temperatures.

30. Use of Platinum Thermometer.

31. Use of a thermo-couple as a thermometer.

32. Velocity of sound in different gases and deducing the value of γ.

33. Finding the value of the co-efficient of expansion of a gas by determining velocities of sound at two different temperatures (by Kundt's tube).

34. Frequency of a tuning fork by Stroboscopic Method.

Paper V.—Practical work in Optics.

1. Determination of the Focal Length and the positions of the Principal Planes of a thick lens and optical system by various methods.

2. Investigation of the Spherical Aberration of a thick lens.

3. Determination of the Refractive Index of a liquid by total reflection using a prism.

4. Determination of the thickness of a thin glass plate by interference method.

5. Measurement of the Wavelength of light by Fresnel's Biprism, using :—
    (a) Optical Bench.
    (b) Spectrometer.
   and determination of "M" of the material of the Biprism.

6. Determination of the Wavelength of light by Fresnel's Double Mirror.

7. Determination of the Wavelength of light by Billet's lens.

8. Measurement of Wavelength by Diffraction. (various methods).

9. Measurement of Wavelength by Diffraction Grating using oblique incidence.

10. Measurement of the Resolving Power of :—
    (a) a Prism Spectroscope.
    (b) a Diffraction Grating.

11. Calibration of a Spectroscope.
    (a) by using lines of known wavelengths.
    (b) by Interference fringes.

12. Polarisation by Reflection (verification of Brewster's law).

13. Measurement of Specific Rotatory Power of a substance.

Additional Experiments.

14. Determination of the Refractive Index of liquids and gases by means of Rayleigh's Interferometer.

15. Comparison of Refractive Indices of gases by Jamin's Interferometer.

16. Determination of Refractive Index of substances by Pulfrich Refractometer.

17. Determination of the difference of wavelengths for the Sodium D lines by means of Michelson's Interferometer.

18. Measurement of e|m for an Electron by observing Zeeman Effect for Yellow Helium light, using:

   (a) Lummer Gehrcke plate.   ⎫ mounted on Con-
   (b) Fabry-Perot Etalon.   ⎬ stand Deviation
   (c) Michelson Echelon Grating. ⎭ Spectroscope.

(FINAL EXAMINATION)

Paper I.—Classical Electricity and Magnetism.

Determination of Dielectric Constants for solids, liquids and gases; Electrical Images; Electric Fields; Pyro and Piezo Electricity; Ferro, Para, Dia-Magnetism; Various methods of determining Susceptibility and Permeability of solids, liquids and gases, Theory of Magnetism; Theory of Electrical instruments; Theory and Measurement of Inductance and Capacity; Theory of Alternating Currents; Electromagnetic Waves; Their generation and application.

Paper II.—Modern Electricity.

Conduction of Electricity through gases; Ionisation currents; Ionisation by Collision; Mobility of Ions; Diffusion of Ions; Variation of the mass of electron with velocity; Determination of e|m and e; Positive Ray analysis and Mass Spectrograph; Thermionic Currents; Photo-Electricity; X-Rays; Radioactivity; Atomic Structure.

Paper III.—Special subject as detailed above.

Students are expected to possess a detailed knowledge of the subjects chosen by them.

Paper IV.—Practical Work in Magnetism and Electricity.

1. Plotting B-H Curve and measurement of Permeability.
   (a) Magnetometer Method.
   (b) Ballistic Method.
2. Measurement of Susceptibility of para and diamagnetic substances.
3. Adjustment and use of various types of Galvanometers.
4. Calibration of Meter Bridge wire by two methods.
5. Variation of the resistance of a wire with temperature.
6. Measurement of low resistances.
   (a) Direct Deflection Method.
   (b) Mathiessen and Hockin's Method (Potentiometer Method).
   (c) Kelvin's Double Bridge.
7. Measurement of high Resistances.
   (a) Direct Deflection Method.
   (b) Leakage Method.
8. Calibration of Callendar and Griffith's Bridge and use of Platinum Resistance Thermometer.
9. Electrolytic resistances.
   (a) Direct Current Method.
   (b) Kohlrausch Bridge.
10. Determination of the thermo-electromotive force.
11. Measurement and comparison of Self Inductances. (various methods.)
12. Measurement and comparison of Mutual Inductances. (various methods.)
13. Measurement and comparison of Capacities (various methods.)
14. Use of Grassot's Flux-meter.
15. Adjustment and use of Quadrant Electrometer (Comparison of E. M. F. and other expts.)
16. Measurement of small capacity in E. M. and E. S. Units and deducing V.
17. Determination of the velocity of Electric Waves (Lecher's Wire).

18. Determination of e|m (Thomson's Method).
19. X And B rays Electroscopes.
20. Characteristic Curves of the three-electrode valve.
21. Determination of electronic charge by Millikan's Method.
22. Determination of Saturation Voltage across an ionised chamber.

3. ZOOLOGY.

(Previous).

Practicals:—Non-Chordata.

Amœba; Actinosphærium; Skeletons of Forminifera and Radiolaria; Badhamia; Euglena; Ceratium; Dendrocometes; Trypanosoma; Noctiluca; Paramoecium; Vorticella; Opalina; Monocystis; Malarial parasite; Sarcocystis; Leucosolenia; Sycon; Spongilla; a Hexactinellid; Geodia; Euspongia; Hydra; Tubularia; Syncoryne; Sertularia; Plumularia; Aglaophenia; Obelia; Millepora; Stylaster; Halistemma; Velella; Physalia; Porpita; Diphyes; Aurelia; Rhizostoma; Haliclystus; Sea-anemone; Alcyonium; Tubipora; Corallium; Gorgonia; Pennatula; Madrepora; Cestus; Beroe; Leptoplana; Temnocephala; Distomum; Polystomum; Taenia; Echinococcus; Lineus; Carinella; Ascaris; Oxyuris; a hookworm; Trichina; Filaria; Sagitta; Brachionus; Phoronis: Sipunculus; Pedicellina; Bugula; Flustra; Plumatella; Magellania; Terebratula; Lingula; Pheretima; Nereis; Leech; Arenicola; Serpulid; Chaetopterus; Terebella; Sabella; Polynoe: Tubifex; Phyllodoce; Aphrodite; Spirorbis; Syllis; Myzostoma; Bonellia; Echiurus or Thalassema; Polygordius; Asterias; Echinus; Holothuria; Synapta; Antedon; typical representatives of all the orders of Crustacea; Trilobita; Peripatus; Centipede and Millipede; typical representatives of each order of Insecta and Arachnida and Phylum Mollusca.

(Final).

Practical: Chordata Group.

(a) *Acrania:—*

Hemichordata—	Balanoglossus.
Urochordata—	Oikopleura; Rhabdocynthia (Herdmannia) or Ciona; Botryllus; Salpa, and Doliolum.
Cephalochordata—	Branchiostoma (Amphioxus).

(*b*)   *Craniata* :—

Cyclostomata— Lampreys (Petromyzon) and Hagfishes (Myxine and Bdellostoma).

Pisces— Trygon, or any other fresh-water Elasmobranch; Carcharias or Scoliodon; Torpedo; Chimaera; Polypterus; Acipenser; Lepidosteus; Amia; Gadus; Pleuronectes; Sea-horse, a common bony-fish such as ' Murrel ' (Ophiocephalidae) or 'Rohu' (Cyprinidae) and special features of Clarias, Saccobranchus, Anabas, and Amphipnous; Lung-fishes (External characters).

Amphibia— The typical representatives of Urodela, Anura and Gymnophiona.

Reptilia— The typical representatives of Rhyn chocephalia (External characters and skeleton only), Lacertilia, Ophidia, Chelonia and Crocodilia.

Aves— Ratitæ : The typical representatives, their external characters and skeletons only. Carinatae : Pigeon, skeleton of fowl and comparative study of the four types of birds' skulls.

Mammalia— Typical representatives of each order.

Microscopic mounts and other preparations bona-fide practical sketch-books (for which 10 marks are reserved for each practical paper) must be produced at the time of the examination. Microtomy (simple section-cutting methods).

4. BOTANY.

(*Previous*).

Bacteria; Gleocapsa; Oscillaria; Nostoc; Rivularia; Scytonema; Euglena; Diatoms; Chlamydomonas; Sphaerella; Pandorina; Eudorina; Volvox; Pleurococcus; Ulothrix; Oedogonium, Ulva; Enteromorpha; Coleochaete; Protococcus; Scenedesmus; Hydrodictyon; Cladophora; Vaucheria; Bryopsis; Caulerpa; Botrydium; Spirogyra; Zygnema; Desmids; Chara; Nitella;

Ectocarpus; Fucus; Dictyota; Laminaria; Nemalion; Batrachospermum ;Callithamnion; Polysiphonia; Gracillaria; Corallina; Synchytrium endobioticum; Pythium; Phytophthora; infestans; Saprolegina; Peronospora parasitica; Cystopus; Eurotium; Brysiphel; Sphaerotheca Mors Uvae; Claviceps purpurea; Xylaria; Peziza; Pyronema; Polyporus; Agaricus; Lycoperdon; Phallus; Puccinia; Ustilago.

Bryophyta and Pteridophyta:—

Riccia; Plagiochasma; Marchantia; Fimbriaria; Aneura; Porella; Anthoceros, Sphagnum; Andraera; Funaria; Polytrichum Equisethum; Lycopodium, Selaginella; Psilotun; Isoetes; Fossils; (Lepidodendron; Sigillaria; Calamites, Sphenophyllum) Ophioglossaceae; Marattiaceae; Osmundaceae; Schizaeaceae; Gleicheniaceae, Cyathaceae; (General characters only); Aspidium; Pteris; Salvinia; Azolla; Marsilia; Fossils; Psaronius; Osmundites; Botryopteridaceae and Zygopteridaceae; (General account only).

Gymnosperms:—

Cycas; Ginkgo; Taxus; Gnetum; Ephedra.

Fossils:—

Cycado-filicales (Leginodendron; Bennettitales and Cordaitales (General account only).

Note:—Students are expected to show a thorough knowledge of :-

Microscopical preparations, Microtome technique.

(FINAL).

Part II (Practical Course "A").

(*a*). General Morphology.

(*b*). The following families of Angiosperms with special reference to the Deccan Flora:—

Raunculaceae; Magnoliaceae; Anonaceae; Menispermaceae; Nymphaeaceae; Papaveraceae; Cruciferae; Fumaria-

ceae; Capparidaceae; Violaceae; Bixaceae; Polygalaceae; Caryophyllaceae; Portulacaceae; Guttiferae; Ternstroemiaceae; Malvaceae; Sterculiaceae; Tiliaceae; Linaceae; Malpighiaceae; Zygophyllaceae; Geraniaceae; Rutaceae; Simarubaceae; Ochnaceae; Burseraceae; Meliaceae; Olacaceae; Celastraceae; Rhammaceae; Ampelideae; Sapindaceae; Anacardiaceae; Moringeae; Leguminosae; Rosaceae; Crassulaceae; Combretaceae; Myrtaceae; Lythraceae; Onagraceae; Passifloraceae; Cucurbitaceae; Begoniaceae; Cactaceae; Umbelliferae; Araliaceae; Rubiaceae; Compositae; Plumbaginaceae; Asclepiadaceae; Loganiaceae, Gentianaceae; Hydrophyllaceae; Boraginaceae; Convolvulaceae; Solanaceae; Scrophulariaceae; Pedaliaceae; Acanthaceae; Verbenaceae; Labiatae; Nyctagineae; Amarantaceae; Chenopodiaceae; Phytolaccaceae; Polygonaceae; Aristolochiaceae; Lauraceae; Loranthaceae; Euphorbiaceae; Urticaceae; Hydrocharitaceae; Orchidaceae; Scitamineae; Amaryllidanceae; Liliaceae; Pontederiaceae; Commelinaceae; Plamae; Pandanaceae; Aroideae; Lemnaceae; Cyperaceae; Gramineae.

(C) Physiology :—The following experiments to be performed :—

1. Water-Culture experiments.

2. Osmosis.

4. Root Absorption.

5. Course of Absorbed Solutions.

6. Root-pressure.

7. Excretion of fluid water from leaves.

8. Transpiration.

9. To show dependence of withering upon loss of water.

10. To show the suction caused by Transpiration.

11. Estimation of the absorption of water by the roots, and the loss by evaporation from the leaves.

12. Photo-synthesis.

13. Properties and reactions of Chlorophyll.

14. Conditions necessary for the production of Chlorophyll.

15. To show that carbon dioxide is necessary for starch formation.

16. To demonstrate the effects of lights of different wave lengths on Photo-synthesis.

17. To show the exhalation of carbon dioxide by germinating seeds.

18. Intramolecular Respiration.

19. Plasmolysis.

20. Measurement of growth by auxanometers.

21. Distribution of growth in roots.

F.
Ph.D. EXAMINATION.

STATUTES AND REGULATIONS CONCERNING THE

DEGREE OF DOCTOR OF PHILOSOPHY.

I.   An examination for the Degree of Doctor of Philosophy shall be held annually in Hyderabad at such time and on such date as may be prescribed by the Syndicate on the recommendation of the Faculty.

II.   The Ph.D. Examination shall be conducted by means of dissertation, Viva Voce, and written papers. The question papers shall be set and answered in Urdu, except when intimation is given to the contrary.

III.   The examination shall be held for the present in the following subjects :—

(1) *Theology.*

1. Fiqah.
2. Tafsir.
3. Hadith
4. Kalam.

(2) *Arts.*

5. Arabic.
6. Persian.
7. Urdu.
8. History.
9. Economics.
10. Philosophy.
11. Mathematics.

(3) *Science.*

12. Chemistry.
13. Physics.
14. Zoology.

IV. The examination shall be open only to candidates who have passed the M.A. or M.Sc.Final Examination in the first or second division of this or any other University the degrees of which are recognised by the Osmania University as equivalent to its degrees, and has pursued a course of research continuously and regularly for three years in this University.

V. A member of the teaching staff of Osmania University who has passed the M.A. or M.Sc. Examination in the first or second division may be admitted to the Ph.D. Examination, provided he has obtained permission from the Pro-Vice-Chancellor and the Research Board of a Faculty to work for the Ph.D. Degree, at least two years after he has joined the service, and has, since obtaining this permission, carried on research work for at least three years in a subject sanctioned by the Board and under the superintendence of a Supervisor or supervisors appointed by the Research Board. In this case, the Research Board, before giving the permission, will fully satisfy itself as to whether the applicant is able to avail himself of the facilities that exist in the University for completing his research.

Such a member of the staff, in accordance with the rule, shall be required to pay the examination fee.

VI. Every student who desires to work for the Ph.D. Degree shall submit, at the commencement of the session, an application stating the subject and nature of his proposed course of research, along with certificates of the

Examinations passed. The application, after the approval of the Pro-Vice-Chancellor shall be placed before the Research Board of the Faculty concerned which shall appoint a supervisor or supervisors to direct and superintend the work of the student. The decision of the Research Board in the matter shall be final, and will be communicated for information to the Faculty.

Of Altering the Subject of Dissertation.

VII.   If a candidate desires to alter the subject of his dissertation after he had started the work, may do so with the permission of the Research Board, but such permission shall not be granted six months after the work is started.

Of Attendance.

VIII.   A student working for the Doctorate shall pursue his research in the University continuously for three years. In case the student feels the necessity of residing out of Hyderabad to complete the course of his special study, he may do so, provided the supervisor or supervisors recommend such a course and the Pro-Vice-Chancellor of the University approves of it; but the duration of absence shall not exceed six months, during the whole period of three years, not including the period covered by vacations.

XI.   A student studying for the Ph.D. Degree shall attend the University at least once a week and also as many times as his supervisor or supervisors desire. The supervisor will be required to keep a record of the attendance and progress of the student and in case of irregularity he will report the matter to the Pro-Vice-Chancellor.

X.   In the case of a student who has pursued research after having been admitted to the degrees of M.A. or M.Sc. in any University or a Research Institute regularly for not less than a year, the Research Board of the Faculty concerned may after examining the research of such student, reduce the period for submitting the dissertation from three years to two years.

Of Submitting Dissertation.

XI.   At the end of three years, he shall submit a dissertation embodying the results of his research. He shall write the dissertation in Urdu but the submission of an English translation thereof is compulsory.

XII.   If a student is unable to submit his dissertation within the prescribed period on any ground whatsoever, he shall submit an application for the extension of the period to the Research Board concerned before the commencement of the last term. The Research Board may on the recommendation of the supervisor and Head of the Department concerned, grant an extension for not more than two years.

XIII.   A student preparing for the Dergee of Ph.D. is expected to discover by research and new fact which will contribute to the abvancement or application of knowledge or represent the existing knowledge in such a manner and discover such relationship between facts as would throw new light upon the subject concerned.

Of Submitting the Dissertation for examination.

XIV.   The candidate shall submit six typed copies of his dissertation (three in Urdu and three in English) along

with an application in a printed form
for admission to the examination and
shall pay an examination fee of
Rs. 100|-. Every copy of the disserta-
tion shall be accompanied by a sum-
mary not exceeding eight pages.

XV. The candidate, if he so desires, may in
addition to his dissertation, sub-
mit any research work which he may
have previously pursued indepen-
dently or conjointly and which may
have been published in any recognized
academic journal.

XVI. The candidate shall submit along
with the dissertation a certificate from
the supervisor stating that the can-
didate has pursued research in the
University for at least three years,
and that in his opinion the disserta-
tion is of sufficient merit for submis-
sion for the Ph.D. Degree.

XVII. On the recommendation of the Re-
search Board the Faculty concerned
shall appoint three examiners to con-
sider the dissertation and to examine
the candidate. Of these examiners
not less than two, one of whom shall
be a person not living in India, shall
be appointed from outside the Uni-
versity. The supervisor may also be
appointed examiner.

XVIII. A copy of the dissertation shall be
sent to each examiner with the re-
quest that he should send his report
after considering it to the Registrar
within a month, stating clearly whe-
ther in his opinion the dissertation
submitted by the candidate qualifies
him for the Ph.D. Degree or not. Be-
fore sending the report, the exami

ners may ask the supervisor for details about the subject of the dissertation.

IXX.   In case two of the three examiners recommend the dissertation submitted for acceptance, the report of the examiners with the opinion of the Research Board, shall be placed before the Faculty concerned. If the Faculty accepts the report, the candidate shall be required to present himself to be tested orally and by means of a written examination on matters relevant to the subject of his research. The oral examination shall be conducted by examiners appointed from inside India. The examiner from outside India shall set a paper of three hours' duration for the written examination and value the answers himself. In case no examiner from outside India is appointed, both the written and oral examinations shall be conducted by examiners from inside India.

XX.   If the dissertation is rejected, or, the candidate fails in the written or the oral or both the examinations, the candidate may resubmit his dissertation in a revised form; but in this case he shall be required to pursue research in the University at least for one year more and pay an examination fee of Rs. 100|-. The candidate shall not be allowed to submit his dissertation on the same subject for the third time.

XXI.   Successful candidates shall in accordance with the rules receive the Degree of Doctor of Philosophy at a convocation of the University.

XXII. The printed or manuscript copies of the approved dissertation shall be preserved in the library of the Faculty concerned.

XXIII. On the title page of the printed dissertation the following words shall be inscribed :

''Dissertation approved by Osmania University for the Degree of Doctor of Philosophy''.

The Research Board

I. The Research Board of the Faculty concerned shall direct and control the general supervision of research in the University, and shall consist of the following members:—

  (a) The Pro-Vice-Chancellor (Ex-Officio).

  (b) The Dean of the Faculty (Ex-Officio).

  (c) Four members of the Faculty selected for two years by the Faculty concerned.

II. Each Research Board shall select its Secretary from among its members for two years.

III. The Research Board shall perform the following duties:—

  (a) Nomination of supervisors for the research work after M.A. and M.Sc.

  (b) Appointing of examiners for the Ph.D. Degree.

  (c) Sanction of Research Scholarships.

  (d) Publication of the Research Journal of Osmania University and dissertations.

  (e) Consideration of proposals for the advancement of research.

  (f) Formulation of subsidiary rules.

Note:—To consider the sections (e) and (f) a joint meeting of all the Research Boards will be necessary.

G.
LL. B. EXAMINATION.

LL.B. EXAMINATION.

1. There shall be two examinations for the LL.B. Degree, the Previous and the Final. Each examination shall be held once a year in Hyderabad at such time and on such dates as the Syndicate may prescribe on the recommendation of the Faculty of Law.

2. The examinations will be conducted by means of printed papers and Urdu shall be the medium of examination in all subjects.

3. The LL.B. (Previous) Examination shall be open only to those students who have completed a "regular course of study" in the University School of law for not less than one academic year after passing the B.A., or B.Sc. Examination of the Osmania University or the B.A., B.Sc. or B. Com: Examination of any University in the British Empire, incorporated by Law, provided that such examination is recognised by that University as qualifying for admission to its LL.B. Examination or any examination equivalent thereto.

4. No candidate shall be considered to have completed a "regular course of study" for any of these examinations unless he has attended 70 per cent. of the lectures during the academic year. The Syndicate may however condone the defeciency in attendance not exceeding 5 per cent. on special reasons, especially ill-health when the application is supported by a certificate by an authorised medical officer, which can satisfy the Head of the institution.

A member of U.T.C. shall be permitted to count as attendance the periods spent on duty in connection with the University Training Corps camps.

Students attending Inter-University Tournaments for debates will be entitled to the same privilege.

5. A candidate for admission to the Previous Examination must forward his application to the Registrar five weeks before the examination, accompanied by a fee of Rs. 30. He shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a "regular course of study" in the University for not less than one academical year after having passed the B.A., B.Sc. or B. Com. Examination. He must also forward with his application satisfactory evidence of having taken a degree as laid down in Rule (3).

6. Every candidate shall present himself for the Previous Examination in the following subjects:—

      (1) Roman Law.
      (2) Constitutional Law.
      (3) Contracts.
      (4) Torts and Easements.
      (5) Evidence.
      (6) Criminal Law and Procedure.

N.B.—There shall be one paper of three hours' duration in each subject carrying 100 marks.

7. No candidate shall be admitted to the Final Examination of the Degree of Bachelor of Laws unless he has passed the Previous Examination in law of the Osmania University, and has since passing the Examination prosecuted a "regular course of study" for not less than one academical year in the University School of Law. Attendance certificates in the prescribed form shall be attached to the application.

8. A candidate for admission to the Final LL.B. Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 30. He should also forward along with his application a certificate of having passed the Previous Examination in Law of the Osmania University.

9. The following shall be the subjects for the Final LL.B. Examination:—

      (1) Muhammadan Law including Usul-i-Fiqah.
      (2) Hindu Law.
      (3) Trusts and Specific Relief.

    (4) Land Tenure (including 'Atiyat) and Transfer of Property.

    (5) Civil Procedure Code and the Law relating to Civil Courts in H.E.H. The Nizam's Dominions; Limitation (excluding Schedules).

    (6) Jurisprudence and International Law.

N.B.—There shall be one paper of three hours' duration in each subject carrying 100 marks.

10. The Faculty of Law shall prescribe from year to year books to be studied for these subjects.

11. The Faculty shall not prescribe the total number of lectures, but it shall fix the minimum number of lectures to be delivered during each academic year, which shall not be less than 300.

12. Before the beginning of each term, the Principal shall submit for the approval of the Faculty a statement of the course of lectures and class examinations during each term.

13. The papers in any of the examinations may contain questions in Jurisprudence, arising out of the subject-matter of such examination. The questions will as far as possible, be set on all topics comprised in a paper and not confined to any particular topic alone.

14. To pass the previous and final examinations the candidates must obtain 40 per cent. of the full marks in each paper and 45 per cent. in aggregate. Those of the successful candidates who obtain not less than·60 per cent. of the total marks will be placed in the first division and those who obtain not less than 45 per cent. of the total marks will be placed in the second division.

The result of the Previous Examination will only be declared and will not be classified. The marks obtained by the candidates at the Previous Examination will be added to the marks gained by them at the Final Examination and the ranks secured by them will be determined accordingly.

15. As soon as practicable after the conclusion of the examinations the results will be arranged in order of merit.

16. A candidate who fails to pass or to present himself at the examination may be admitted to one or more subsequent examinations on his making a fresh application and on payment of a fresh fee.

17. Certificate signed by the Chancellor and the Registrar respectively, shall be given to candidates successful in the Final and Previous Examinations, setting forth the date of the examination, and the class in which he was placed.

LIST OF TEXT BOOKS RECOMMENDED FOR THE LL.B. EXAMINATION.

PREVIOUS EXAMINATION:—

1st Paper		Leage's Roman Law.
2nd "		Dicey's Constitutional Law.
3rd "	{	Anson's Law of Contract. The Contract Act. (Hyderabad).
4th "	{	Salmond on Torts. Indian Easements Act.
5th "	{	The Evidence Act. (Hyderabad). Best on Evidence; Mukerji on Evidence.
6th "	{	The Penal Code. (Hyderabad). The Criminal Procedure Code. (Hyderabad).

FINAL EXAMINATION:—

1st Paper	{	Muhammadan Law by Mulla and Muhammadan Jurisprudence by Abdur Rahim. Ghayatul-Autar—Kitabul Fara'iz.
2nd "	{	Usul-i-Dharam Shaster by Baijnath. Maine's Hindu Law.
3rd "	{	The Indian Trust Act. Specific Relief Act (Hyderabad.)
4th "	{	Quanun Malguzari Arazi, Act No. 9 of 1317 F. Law of Transfer of Property.
5th "	{	Civil Procedure Code. (Hyderabad). Law relating to Civil Courts in H.E.H. the Nizam's Dominions. Indian Limitation Act.
6th "	{	Salmond's Jurisprudence. Lawrance's Principles of International Law.

16. A candidate who fails to pass or to present himself at the examination may be admitted to one or more subsequent examinations on his making a fresh application and on payment of a fresh fee.

17. Certificate signed by the Chancellor and the Registrar respectively, shall be given to candidates successful in the Final and Previous Examinations, setting forth the date of the examination, and the class in which he was placed.

LIST OF TEXT BOOKS RECOMMENDED FOR
THE LL.B. EXAMINATION.

PREVIOUS EXAMINATION:—

1st Paper   Leage's Roman Law.

2nd   ,,   Dicey's Constitutional Law.

3rd   ,,   { Anson's Law of Contract.
The Contract Act. (Hyderabad).

4th   ,,   { Salmond on Torts.
Indian Easements Act.

5th   ,,   { The Evidence Act. (Hyderabad).
Best on Evidence; Mukerji on Evidence.

6th   ,,   { The Penal Code. (Hyderabad).
The Criminal Procedure Code. (Hyderabad).

FINAL EXAMINATION:—

1st Paper   { Muhammadan Law by Mulla and Muhammadan Jurisprudence by Abdur Rahim.
Ghayatul-Autar—Kitabul Fara'iz.

2nd   ,,   { Usul-i-Dharam Shaster by Baijnath.
Maine's Hindu Law.

3rd   ,,   { The Indian Trust Act.
Specific Relief Act (Hyderabad.)

4th   ,,   { Quanun Malguzari Arazi, Act No. 9 of 1317 F.
Law of Transfer of Property.

5th   ,,   { Civil Procedure Code. (Hyderabad).
Law relating to Civil Courts in H.E.H. the Nizam's Dominions.
Indian Limitation Act.

6th   ,,   { Salmond's Jurisprudence.
Lawrance's Principles of International Law.

H.
LL. M. EXAMINATION.

LL. M. EXAMINATION.

1. The LL.M. Examination shall be held once a year in Hyderabad at such time and on such dates as the Syndicate may prescribe.

2. The LL.M. Examination will be conducted by means of printed papers and *Viva Voce*, if necessary. Papers will be set and answered in Urdu.

3. The Examination for the degree of LL.M. shall consist of two parts, the Previous Examination and the Final Examination. The course of study for each examination shall extend over a period of one academic year.

4. No candidate shall be admitted to the LL.M. Previous Examination unless he has passed the examination for the degree of Bachelor of Laws of this University or the degree of Bachelor of Laws or a Law degree of some other University accepted by this University as equivalent thereto and has prosecuted a regular course of study for not less than one academic year in the Law Faculty of Omania University.

5. No candidate shall be admitted to the LL.M. Final Examination unless he has passed the LL.M. Previous Examination of this University, and has since prosecuted a regular course of study in the Law Faculty of the University for not less than one academic year.

6. No candidate shall be considered to have completed a regular course of study unless he has attended not less than 70 per cent of the lectures during the academic year. The Syndicate may, however, condone deficiency in attendance not exceeding 5 per cent. for sufficient reasons such as sickness when the application is supported by the certificate of an authorised medical officer, which can satisfy the Head of the Faculty.

7. The following candidates will be allowed to appear at the LL.M. Examination without pursuing a regular course of

study in the University provided they satisfy all the other conditions of admission:—

(a) Practicing lawyers, who have practised for not less than three years.

(b) Officers of the Judicial Department who have functioned as judges for not less than three years.

(c) Teachers of the Law Faculty who have lectured on Law for not less than three years.

Private candidates shall not be allowed to take up any subject unless provision has been made for the teaching of that subject in the Law Department of the University. They should therefore ascertain, from the Registrar, before applying for permission, whether regular students of the University are taking up those subjects.

8. A candidate for admission to the LL.M. Previous or Final Examination must forward his application to the Registrar five weeks before the examination accompanied by a fee of Rs. 30|-. Every candidate shall produce a certificate in the form hereinafter prescribed to the effect that he has prosecuted a regular course of study in the University for not less than one academic year after having passed the LL.M. Examination. He must also forward with his application satisfactory evidence of having taken a Law degree as laid down under rules 4 and 5.

9. Candidates for the Previous Examination shall be examined in the following subjects:—

1. Comparative Jurisprudence and Principles of Legislation.

2. Comparative Constitution with particular reference to England, British India and Hyderabad.

3 & 4. Any two of the following:—

(a) Muslim Law with its history and jurisprudence.

(b) Hindu Law with its history and jurisprudence.

(c) Land tenure being a comparative study of laws of Hyderabad and Provinces of British India.

(d) Law of Transfer of property.

(e) Conflict of Laws.

(f) Public International Law.

(h) Law of Tort.

(i) Law of Crime and Criminology.

Note.—There shall be one paper of three hours' duration in each subject carrying 100 marks.

10. Candidates for the LL.M. Final Examination shall be examined in the following subjects :—

1. A special topic of Hyderabad Law of any period, to be determined by the Board of Studies in Law.

2. A special topic of any of the subjects studied in the Previous Examination, to be determined by the Board of Studies in Law.

Note.—There shall be one paper of three hours' duration in each subject carrying 100 marks.

3. Thesis :—Subject to be approved by the Board of Studies in Law.

Note.—(1) The thesis will be of about 50 pages of foolscap size and will be written under the supervision and with the advice of a member of the Law Faculty .

(2) Every candidate shall submit three typed-written copies of his thesis at least one Fasli month before the day of the examination.

(3) The thesis shall be valued by two examiners, one of whom will be the supervisor of the candidate and the other an expert from out-side. The Examiners of the thesis may hold a *Viva Voce* Examination to satisfy themselves that the candidates has availed of original sources, on the subject.

11. In order to pass the examination the candidate must obtain 40 per cent. of the full marks in each paper. Those of the successful candidates who obtain not less than 65 per cent. of the total marks will be placed in the first division, and those who obtain not less than 50 per cent. of the total marks will be placed in the second division. There will be no third division.

The result of the Previous Examination will only be declared and will not be classified. The marks obtained by the candidates in the Previous Examination will be added to the marks obtained by them in the Final Examination, and the rank will be determined on the basis of the total marks of both the examinations.

12. A candidate who fails to pass or to present himself for the examination for whatever reason shall not be entitled to claim a refund of the fee but he may be admitted without fur-

ther attendance at lectures to any subsequent examination on the payment of a like fee.

13. Each successful candidate at the Final Examination shall receive a certificate signed by the Chancellor setting forth the subjects in which he was examined and the class in which he was placed.

Books Recommended.

I. *Comparative Jurisprudence and Principles of Legislation.*

(a). *English Theories*:—
  (1). Allen, Law in the Making.
  (2). Roscoe Pound, Philosophy of Law.

(b). *Continental Theories*:—

  (1). Kurkunov, Theory of Law.
  (2). Miraglia, Comparative Legal Philosophy.

(c). *Islamic Theories*:—

  (1). Ostrorog, Roots of Law.
  (2). Abdur Rahim, Muhammadan Jurisprudence, Relevent Chapters (ترجمۀ جا معۀ عثمانیه)

(3). Macdonald, Development of Muslim Theology, Jurisprudence and constitutional theory. (Relevent Chapters).

(d). *Hindu Theories*:—

  (1). Beni Prasad—The State in Ancient India. (Relevant Chapters).

(e). *Principles of Legislation*:—

  (1). Jethro-Brown, Underlying Principles of Modern Logislation.

  (2). General Principles of Muslim and Hindu Legislation, for which no particular book can be recommended at present.

II. *Comparative Constitution.*

    · (a). *English and General*:—

        (1). Finer, Working of Modern Governments.
        (2). Ogg, Governments of Europe.
        (3). Laski, Grammar of Politics.

    (b). *British India*:—

        (1). Government of India Act 1935.
        (2). Butler Committee Report.

    (c). *Hyderabad*:—

        (1).   مجموعۂ قوانین دستوری سرکارعالی
        (2). جریدۂ اصلاحات و رپورٹ آئینگار کمیٹی

III. *Public International Law.*

        (1). Oppenheim, International Law, 2 Volumes.
        (2). Walker, A History of the Law of Nations.
        (3). Nys, Les Origines du droit International.
        (4). Panikkar, Government of India and Indian States.
        (5). Aitchinson, Treaties and Sanads, Vol. 9, Part *Hyderabad.*
        (6). Cases:
             (i). Mighell *v.* Sultan of Johore
             (ii). Duff Development Co. *v.* Kelantan Government.

IV. *Muslim Law, its History and Jurisprudence.*

        (1).ترجمۂ ہدایہ (جمله ابواب باستثنائے عبادات)
      · (2). Abdur Rahim, Jurisprudence.(ترجمه جامعه عثمانیه)
        (3).تاریخ فقہ اسلامی (مطبوعه دارالمصنفین اعظم گڑھ)

V. Hindu Law, its History and Jurisprudence.

(1). Mayne, Hindu Law and Usage.(ﺭﺟﻤﮧ ﺟﺎﻣﻌﮧ ﻋﺜﻤﺎﻧﯿﮧ)

(2). Sen, Principles of Hindu Jurisprudence.

Lectures will be delivered in the LL.M. classes of the University on the History of Hindu Law and Hindu Jurisprudence and for the present no particular books can be recommended. The students will be required to study the whole range of Hindu Law and not merely the personal Law.

I.
M.B.,B.S. EXAMINATION.

OSMANIA UNIVERSITY

FACULTY OF MEDICINE

---

1. The University confers the degree of Bachelor of Medicine and Bachelor of Surgery.

2. Candidates for the degree shall be required:—

(i) to have passed the Intermediate Examination in Science of the University, with Physics, Chemistry (Organic and Inorganic), Botany and Zoology including an introduction to the study of Elements of Genetics or an examination considered by the University equivalent thereto.

(ii) to have been subsequently engaged in their professional studies in the College of Medicine of the University for period of not less than five years.

N.B.—No candidate shall be allowed to begin the medical curriculum proper until he has attained the age of 17 years or will attain that age during the first term of the curriculum.

3. The academic year shall consist of three terms.

(i) The monsoon term, commencing on the 16th of June and ending on the 18th of September.

(ii) The winter term, commencing on the 21st of September and ending on the 16th of December.

(iii) The spring term, commencing on the 6th of January and ending on the 31st of March.

4. There shall be three examinations, called the first, second and final M.B., B.S., examinations respectively.

Each of these three examinations shall be held once a year in Hyderabad, at such time and on such dates as the Syndicate may prescribe. A Supplementary Examination will also be held for the duration of the War for the failed candidates of these examinations in the month of December or earlier each year.

5. Applications for admission to each of the M.B., B.S., examinations must reach the Registrar not less than two weeks before the commencement of the examination accompanied by the prescribed fee and the certificates required under the rules.

6. The fee prescribed shall be O.S. Rs. 25 for each of the first two examination and O.S. Rs. 40 for the final M.B., B.S., examination.

7. A candidate who fails to pass or to present himself for the examination shall not be entitled to claim refund of the fee. He will be admitted to any subsequent examination on his making a fresh application, on payment of fresh fee and on submitting the necessary certificates.

8. Urdu shall be the medium of instruction and examination.

9. In order to pass an examination, a candidate must obtain not less than 50 per cent of the marks in the written and not less than 50 per cent of the marks in practical and oral Examinations in each subject. Candidates obtaining 75 per cent of the marks shall be placed in the First Class. In assessing marks the examiners will take into account the attested records of the practical work done by the candidate during his courses of study in the subjects of the examination.

10. Candidates passing the first two M.B., B.S., examinations shall receive a certificate signed by the Registrar and those passing the final M.B., B.S. examination shall receive a diploma signed by the Chancellor of the University.

11. Candidates are required to pass in all the subjects at the same time in the first two examinations. The Final or Third M.B., B.S. examination consists of two groups and a candidate is required to pass in all subjects of any one group at the same time.

12. No student who has not satisfactorily performed the work of the class as shown by the attested records of his practical work and results of class examinations, and has not attended at least 75 per cent, of the class meetings and has not paid all college dues, will be granted term certificates required for the University Examinations.

13. *(FORM OF CERTIFICATE).*

OSMANIA UNIVERSITY.

MEDICAL COLLEGE,

Department.

I certify that .... attended my class of .... during .... and that he duly performed the work of the class including.... .... as required by the University Regulations.

Professor.

Dated.......... *Lecturer.*

14. A student who has failed to pass an examination will not be allowed to re-appear for that examination until he has again kept the terms and satisfactorily performed the work of the class.

FIRST M.B., B.S. EXAMINATION.

15. The First M.B., B.S. Examination shall be held in the following subjects :—

(i) *Human Anatomy and Embryology.*

(*a*) One paper of three hours duration carrying 100 marks.

(*b*) Practical and Oral test including dissections, carrying 100 marks.

(ii) *Physiology including Bio-chemistry.*

(*a*) One paper of three hours duration, carrying 100 marks.

(*b*) Practical and oral examination in Histology, Bio-chemistry and Experimental Physiology carrying a total of 100 marks.

16. Candidates shall be required to produce with their application for permission to appear at the examination, certificates in the prescribed form, of having been engaged in professional studies for at least 6 terms subsequent to passing the Intermediate Examination and of having attended courses of instruction

and practical work in the above subjects as shown in the schedule of requirements.

SECOND M.B., B.S. EXAMINATION.

17. The second M.B., B.S. Examination shall comprise the following subjects:—

(i) *Materia Medica and Pharmacology.*

(a) One paper of three hours' duration carrying 100 marks.

(b) Practical and oral examination in Materia Medica, Pharmacology and Practical Pharmacy carrying 100 marks.

(ii) *Hygiene.*

(a) One paper of three hours' duration carrying 100 marks.

(b) A Practical and Oral test carrying 50 marks.

(iii) *Forensic Medicine.*

(a) One paper of three hours duration carring 100 marks.

(b) A Practical and Oral test carrying 50 marks.

18. Candidates shall be required to produce with their application for permission to appear at the examination, certificates in the prescribed form, of having been engaged in professional studies for at least three terms subsequent to passing the First M.B., B.S. Examination and of having attended course of instruction and practical work in the above subjects as shown in the schedule of requirements.

FINAL M.B., B.S. EXAMINATION.

19. The Final M.B., B.S. Examination shall comprise the following subjects in two separate Groups:—

GROUP—I.

(i) *Medicine and Clinical Medicine including Therpeutics and Special subjects.*

(a) Two papers each of three hours duration carrying 100 marks each.

(b) A Clinical, Practical and Oral examination in Medicine carrying 200 marks.

It shall consist of :—

An examination of a patient and written report on the case for which not less than one hour will be allowed.

A short examination on one or more cases. Practical and Oral Examination.

(ii) *Pathology and Bacteriology.*

(*a*) One paper of three hours duration carrying 100 marks.

(*b*) A Practical and Oral examination carrying a total of 100 marks.

GROUP—II.

(i) *Surgery and Clinical Surgery.*

(*a*) One paper of three hours duration carrying 100 marks.

(*b*) A Clinical, practical and oral examination carrying 100 marks.

It shall consist of :—

An examination of a patient and written report on the case for which one hour will be allowed.

A short examination on one or more cases.

Practical and oral examination.

(ii) *Ophthalmology and Oto-rhino-laryngology.*

(*a*) One paper of three hours duration, carrying 100 marks. (60 marks for Ophthalmology and 40 for Oto-rhinolaryngology.).

(*b*) A Clinical and Oral examination carrying 100 marks.

(iii) *Obstetrics, Gynaecology and Diseases of Infancy.*

(*a*) One paper of three hours duration carrying 100 marks.

(*b*) A Clinical, Practical and Aral examination carrying 100 marks.

20. Candidates shall be required to produce with their application for permission to appear at the examination, certificates in the prescribed form, of having been engaged in professional studies for at least 6 terms subsequent to passing the Second M.B., B.S. Examination and of having attended courses of

instruction and practical work in the above subjects as shown in the schedule of requirements.

21. *SCHEDULE OF REQUIREMENTS FOR THE EXAMINATIONS*

FIRST M.B., B.S. EXAMINATION.

Human Anatomy including Embryology..

> A course of 150 lectures and demonstrations. Dissection of the whole human body.

Physiology.

> A course of 150 lectures and demonstrations.
>
> A course of Practical Histology of not less than 40 meetings of 2 hours each.
>
> A course of Bio-chemistry of not less than 30 meetings of 2 hours each.
>
> A course of Experimental Physiology of not less than 20 meetings of 2 hours each.

SECOND M.B., B.S. EXAMINATION.

Materia Medica and Pharmacology.

> A course of 80 lectures and demonstrations.
>
> A course of 25 meetings of 2 hours each in Practical Pharmacology, Pharmacy and Dispensing.

Hygiene.

> A course of 50 lectures (including practical demonstrations).
>
> A course of 6 lectures in Vaccination and practical work.

Forensic Medicine.

> A course of 50 lectures and demonstrations.
>
> Attendance at 10 meetings for medico-legal postmortem examination.

FINAL M.B., B.S. EXAMINATION.

GROUP—I.

Medicine.

> A course of 100 lectures and demonstrations, in Medicine and Therapeutics.

Medical Practice.

In-patient—6 months during which he shall be continously in charge of not less than 5 beds, and out of which at least one month shall have been spent as an intern clerk in residence in the hospital or close by.

Out-patient—3 months

Mental Diseases & Psychology	.. 12	Lectures and Demonstrations.
Tuberculosis	.. 15	,,
Infectious Diseases	.. 20	,,
Skin Diseases	.. 15	,,
Leprosy	.. 10	,,

(at the Leper Home and Hospital, Dichpalli).

Diseases of Children—courses of lectures and demonstrations with clinical work 15 meetings.

Applied Physiology 25 meetings.

Instruction in Therapeutics and prescribing including (i) pharmacological Therapeutics, (ii) the methods of treatment by vaccines and sera (iii) physitherapy (iv) dietetics, and (v) the principles of nursing.

Pathology and Bacteriology.

A course of 150 lectures and demonstrations.

A course of Practical Pathology including Morbid Anatomy, Morbid Histology and Clinical Pathology of 60 meetings of two hours each.

A course of Practical Bacteriology and parasitology of 40 meetings of 2 hours each.

Attendance at not less than 12 postmortem examinations.

GROUP—II.

Surgery.

A course of 100 lectures and demonstrations.

Surgical Practice.

In-patient—6 months during which he shall be continously in charge of not less than 5 beds, and out of which he shall have spent at least one month as an internal clerk in residence in the hospital or close by.

Out-patient 3—months.

Operative Surgery	..	..	.. 30	meetings
Anæsthetics	..	..	.. 10	,,
Administration of Anæsthetics	....		.. 10	Cases.
Venereal Diseases	..	..	.. 20	meetings
Orthopædics	..	..	 20	,,
Radiology	..	..	 10	,,
Dentistry	..	..	.. 10	,,
Applied Anatomy	..	..	.. 25	,,

Obsterics, Gynecology, Diseases of Infancy and Infant Hygienc.

A course of 100 lectures and demonstrations.

Maternity cases witnessed—20

,, ,, conducted—12; attested records of these cases including antinatal and postenatal observation if possible, are essential.

Obstetric practice and Gynæcology—6 months including one month's residence for Maternity work.

Ophthalmology.

A course of 30 lectures and demonstrations and hospital practice   3 months.

Oto-rhino-Laryngology.

A course of 30 lectures and demonstrations and hospital practice   2 months.

The Clinical work shall be carried out in the Wards, Out-patient and Special departments of the Osmania Hospital.

DETAILED SYLLABUS

ANATOMY.

This conists of 150 lectures and demonstrations in anatomy and embryology throughout the course, dealing with:—

Bones, their structure, description and ossification.

Fasciæ, muscles, their origin, insertion, action, innervation and relations.

Joints, classification, mechanism, movement, nerve and blood supply, relations.

Heart, fœtal circulation, arteries, veins, their relations.

Lymphatic glands and vessels.

Medulla spinalis, encephalon, meninges peripheral, spinal and cranial nerves, sympathetic system.

Organs of special senses, splanchnology.

Surface anatomy, ductless glands.

General embryology and development of organs.

Morphology of structures.

Practical Work.

Dissection of one complete human body.

PHYSIOLOGY.

Systematic Course.

This consists of a course of 150 lectures and demonstrations and deals with the microscopic structure and functions of the tissues and organs. It also deals with the physical phenomena exhibited by the living organism and the chemistry of the food and body.

Practical Course.

This course is divided into three sections:—

Section I. Biophysics.

The methods employed in the investigation of the functions of muscle, nerve , respiration, heart etc., are studied practically and the results recorded by graphic methods.

Section I. Biophysics.

The methods employed in the investigation of the functions of muscle, nerve, respiration, heart etc., are studied practically and the results recorded by graphic methods.

Section II. Bio-chemistry.

The methods employed in the investigation of the chemistry of food and body are studied practically.

Section III. Histology.

The microscopic structure of tissues and organs of the body is studied with the methods employed in its investigation.

MATERIA MEDICA AND PHARMACOLOGY.

Systematic Course.

This consists of 80 lectures including demonstrations, describing the distribution of drugs in the body, their fate and action on man and lower forms of life, and the manner in which the functions of the body in health and disease can be modified by therapeutic measures.

Important official and non-official drugs and their preparations are dealt with; work on Indian indigenous drugs is also briefly described. The physical and chemical characters of drugs are considered only in so far as they are of importance in medicine and pharmacy.

Practical course.

Twelve meetings of two hours each in practical pharmacology.

Thirteen meetings of two hours each in prescription writing and dispensing practice.

FORENSIC MEDICINE.

The course consists of 50 lectures and demonstrations dealing with:—

Part I.

1. Procedure in the Courts and the rules of evidence for medical men.

2. Identification of the living and dead as race, age and sex.

3. Autopsy for medico-legal purposes and exhumations.

About twelve medico-legal post-mortem examinations are demonstrated during the course.

4. Medico-legal aspects of death; modes of death and signs of death, causes of sudden death.

5. Asphyxial death, drowning, hanging, strangulation and suffocation.

6. Examination of blood stains, seminal stains and hair.

7. Wounds and mechanical injuries, general and of special parts.

8. Miscellaneous causes of death, from heat, cold, electricity, starvation etc.

9. Sexual offences, dealing with impotence, sterility, rape and unnatural offences, signs of pregnancy and delivery, abortion, infanticide and legitimacy.

10. Insanity-different forms and their diagnosis, criminal responsibility of an insane, feigned insanity.

11. Legal and moral obligations of medical men, malpraxis professional secrecy, issue of death certificates etc.

Part II.

TOXICOLOGY.

1. Poisons, their classification, diagnosis, detection and treatment in general.

2. Corrosive poisons, acids and alkalies.

3. Irritant poisons, inorganic, organic and mechanical.

4. Poisons affecting special organs, as central nervous system, spinal cord, heart, lungs (asphyxiant gases) and peripheral nerves.

HYGIENE.

The course consists of.—

·1. 50 Lectures and demonstrations dealing with :—

Water.

Sources, collection, distribution, storage, impurities, purification including filtration, collection of samples for analysis, examinations.

Air.

Impurities, their sources and effects on general health, taking of samples and examination.

Ventilation.

Amount of air required, effects of O_2 deficiency and CO_2 = excess, effects of the amount of moisture in the air, air stagnation, practice of ventilation, heating and cooling of dwellings.

Climate and Meterology.

Causes and effects of climate, acclamatization, temperature, atmospheric pressure, movements of winds, thermometer, barometer, hygrometer, rainfal.

Occupational Diseases.

Offensive trades, industrial diseases, slaughter houses.

Soils.

Varieties, relation to climate and health, subsoil water.

Sites and Buildings.

Selection of sites for buildings, sanitary designing and construction, cow-sheds, stable and dairies.

Food.

Classification, relative values, quantity required.

Beverages and Condiments.

Cooking, vitamins; preservation of food, diseases connected with food, diet of India.

Refuse and Sewage.

Collection, removal, disposal, ditems of sewage disposal.

Disposal of the Dead.

Earth burial, cremation.

Personal Hygiene.

Infection and Carrier of Infection.

Animal Parasites.

Preventable Infectious Diseases.

Restraint of Infection.

Notification, isolation, quarantine, disinfection, immunity, vaccination.

Medical Inspection of Schools.

Scope, methods.

Maternity and Child Welfare.

Protection of motherhood, child welfare centres, health visitors, midwifery service.

Sanitation of Fairs and Relegious Festivals.

Rural Hygiene.

Education, selection of site, dwellings, drainage.

Sexual Hygiene.

Marriageable age, physiology in relation to normal limits, perversions, prostitution, contraceptives.

Vital Statistics.

Significance estimation of population, birth and death rates, infant mortality, causes, prevention, occupational mortality, special death rates, death certifiates.

Practical Demonstrations.

Filter beds, sewage works, observatory, isolation hospital, slaughter houses, dairies, malaria and plague departments.

II. Six lectures on vaccination with demonstrations and practical work.

MEDICINE.

The course in medicine consists of 100 lectures comprising the principles and practice of medicine during the 3rd and 4th year of study.

The systematic lectures deal with the aetiology, signs and symtoms, diagnosis, prognosis and treatment of: —

1. Disases of repiratory organs
2. Diseases of the circulatory system
3. Diseases of the alimentary canal.
4. Diseases of the blood and lymphatic glands
5. Diseases of the endocrine system and metabolis
6. Diseases of the urinary organs.
7. Diseases due to diet deficiencies.
8. Diseases of the Nervous system.
9. Infectious Diseases with special stress on diseaseses of the tropics.

CLINICAL MEDICINE.

The Clinical course consists of 50 lectures and demonstrations in the wards of the Osmania Hospital.

The Ward Assistants take part in giving instruction to students in case taking and side room work.

In addition to the course above described special instruction in the following subjects is given as follows :—

i Tropical Medicine	.. 20 Lectures & demonstrations
ii Children Diseases	.. 15 ,, ,,
iii Lectures on Therapeutics	.. 16 ,, ,,
iv Tuberculosis	.. 15 ,, ,,
v Psychology	.. 12 ,, ,,
vi Infectious Disease	.. 20 ,, ,,
vii Skin Diseases	.. 15 ,, ,,
viii Leprasy	.. 25 ,, ,,

PATHOLOGY AND BACTERIOLOGY.

The systematic course consists of 150 lectures and demonstrations dealing with :—

(a) The nature of pathological processes and the naked eye and microscopic changes in the structure of the organs and tissues of the body in diseased conditions.

(b) Study of the important bacteria and animal parasites pathogenic to man.

The practical course is divided into :—

(a) The practical study of diseased organs and tissues, naked eye and microscopic.

(b) Examination of diseased materials such as blood, urine, faeces, sputum and pathological fluids etc.

(*c*) Practical work in Bacteriology and Parasitology.

(*d*) Attendance at post-mortem examinations forms an essential part of the course.

SURGERY.

The Systematic course consists of 100 lectures dealing with :—

Part I.—General Surgery.

1. Repair and conditions which interfere with repair.
2. Infection, Bacterial products and Immunity.
3. Inflamation and suppuration.
4. Results of suppuration.
5. Ulcers, Sinuses, Fistulas and Gangrenes.
6. Surgical fevers, Sapraemia, Septicaemia and Pyæmia.
7. Erysipelas, Diphtheria, Tetanus, Hydrophobia, Actinomycosis, Tubercle, Syphilis, Gonorrhoea and Leprosy.
8. Injuries and constitutional effects of injuries.
9. Tumors and Cysts.
10. Injuries of soft parts, of bones and joints and their treatment.
11. Diseases of bones and joints and their treatment.
12. Deformities.

Part II.—Regional Surgery.

1. Surgery of the Head—The scalp, the cranium. Surgery of the brain and meninges. Surgery of the face, orbit, lip, nose, and tongue.
2. Surgery of the Spinal Cord.
3. Surgery of the neck—The salivary glands, thyroid gland, esophagus, trachea.
4. Surgery of the chest—The breast, empyema.
5. Surgery of abdomen and pelvis—Hernia, the peritoneum, appendix, stomach, intestine and liver.
6. Surgery of the Rectum and Anuus.

7. Surgery of male and female urogenital system—Kidney, bladder, ureter, urethra prostate and testes.

8. Surgical Diseases of skin—muscles, tendons, nerves, bursae, blood and arteries.

Part III.—Surgical Methods.

1. Surgical case taking.
2. Preparation of the patient, the theatre, surgical materials, and instruments for operation.
3. Sterlization.
4. Anaesthetics and various methods of anaesthesia.
5. Surgical technique and operations.
6. Principles of pre and post operative treatment.

Clinical Surgery.

Clinical instruction is given in the wards by the Surgeons of the Hospital.

Instruction in surgical case taking, bandaging etc., is also given by the Assistant Surgeons and the Ward Assistants.

Operative Surgery.

This consists of practical operative work on the cadaver by the students.

Besides the ward clinics, the Physicians and Surgeons deliver clinical lectures to the students of the 3rd, 4th and 5th year classes once a week.

MIDWIFERY AND GYNAECOLOGY.

The systematic consists of 100 lectures on:—

I. Midwifery.

(a) The anatomy and physiology of the female organs of reproduction.
(b) The physiology of pregnancy, parturition and the puerperal state.
(c) The pathology of pregnancy, parturition and the puerperal state.

II. Gynaecology.

    (*a*) Methods of diagnosis.

    (*b*) Diseases of the female pelvic organs.

    (*c*) Treatment—non-operative and operative.

III. Diseases of the new born and of the period of infancy.

Practical Work.

    Attendance in the midwifery and gynaecology wards—for six months.

    The student is required to witness at least 20 cases of labour and to be in residence for at least one month in the Osmania Hospital during which period he is allowed to conduct under supervision not less than 12 cases of labour and has an opportunity of witnessing the treatment of abnormal cases admitted during that period.

OPHTHALMOLOGY.

    The course consists of 30 lectures, demonstrations and practical work on:—

Examination of the Eye.

    Objective examination, eyeballs, eyelids, lacrimal, passages, conjuctiva, cornea, oblique focal illumination, anterior chamber, aqueous humour, iris, lens, tension, opthalmoscope, keratometer.

Subjective Examination.

    Visual acuity, the perimeter, scotoma, malingering. The anatomy and physiology of the following structures with their injuries and diseases:—

    Eyelids, conjunctiva, lacrimal apparatus, cornea, sclera, retina, uveal tract, lens, vitreous, optic nerve, orbit, oculomotor system.

    Refraction, amblyopia, glaucoma.

DISEASES OF EAR, NOSE AND THROAT.

    The course consists of 30 lectures, demonstrations and practical work on:—

1. *Diseases of the Ear.*

    Surgical anatomy and physiology of the ear. Clinical

examination of the auditory apparatus, and tests for hearing, functional tests or the labyrinth.

2. *Diseases of the External Ear.*

Acute and chronic diseases of the middle ear, including intracranial complications. Notes on aural operations vertigo, timitus, and associated syndromes, deaf mutism.

3. *Diseases of the Nose and Nasal Sinuses.*

Surgical anatomy of the nose and sinuses. Anterior and posterior rhinoscopy.

Diseases and deformities of the external nose and septum nasi.

Acute rhinitis, chronic rhinitis with special reference to chronic granulomata, nasal polypii, foreign bodies and malignant disease.

Sinusitis, diagnosis and treatment. Notes on operations of the nose and sinuses.

4. *Diseases of the Throat.*

Surgical anatomy of the pharynx, larynx, trachea, bronchii and oesophagus.

Acute and chronic pharyngitis.

Diseases of the tonsils. Diseases of the laryngopharynx and larynx.

5. *Diseases of the trachea, bronchii, tracheotomy, indication and operative details.*

Dysphagia and diseases of the oesphagus.

Foreign bodies in the upper respiratory tract and oesophagus with special reference to endoscopy.

MENTAL DISEASES.

The course consists of lectures and demonstrations in :—

Elementary psychology, normal and abnormal. Laws of insanity and admission into mental hospitals, failure of mental development, idiocy, imbecility, weak mindedness, mania, depressive insanity, melancholia, stupor, alternating and circular conditions, delusional insanity, paranoia primary.

adolescent, consecutive, terminal, organic, parasyphilitic and senile dementia. Insanity due to drugs, alcohol, Indian hemp, opium and its derivatives, cocain, lead, epileptic insanity, hysteria, psychastheenia, exhaustion, psychosis, post febrile insanity, acute delirium, neurasthenia, insanity of puberty and adolescence,insanity of child bearing, climactric and old age, mental disorders associated with thyroid gland, polioencephalitis, syphilis, tubercle, nephritis, diabetis and gout, medico-legal and social relations of insanity, general treatment.

OPPORTUNITIES FOR CLINICAL STUDY.

The Osmania Hospital (550 beds including 40 beds for maternity and gynaecological cases) ; and the isolation hospital (100 beds) under the Medical Department of H.E.H. the Nizam's Government are affiliated to the University for clinical teaching.

Instruction in leprosy is given in the leper home and hospital at Dichpalli accomodating 700 patients.

BOOKS RECOMMENDED.

Anatomy.

1. Gray's Text-book of Anatomy.
2. Cunningham—Practical Anatomy.
3. H. Hyder Ali Khan—Elements of Embryology.

Physiology.

1. Halliburton—Hand book of Physiology.
2. Schafer—Essentials of Histology.
3. Halliburation—Essentials of Chemical Physiology.
4. Sharpey-Schafer—Experimental Physiology.

Materia Medica and Pharmacology.

1. Ghosh—Materia Medica and Therapeutics.
2. Cushny—Pharmacology and Therapeutics.
3. Clark—Applied Pharmacology

Pathology & Bacteriology.

1. Muir—Text-book of Pathology.
2. Muir & Ritchie—Manual of Bacteriology
3. Shennan—Post-mortem and Morbid Anatomy

Hygiene.

1. Ghosh—Hygiene and Public Health.

Forensic Medicine.

1. Dixon-Mann-Forensic Medicine &Toxicology.
2. Lyon's Medical Jurisprudence for India.

Medicine.

1. Taylor—Practice of Medicine
2. Manson's—Tropical Diseases
3. Hutchison & Hunter—Clinical Methods
4. Savill' Clinical Medicine

Surgery.

1. Rose & Carless—Manual of Surgery
2. Waring—Manual of Operative Surgery
3. Boyd's Surgical Pathology
4. Massie—Surgical Anatomy

Ophthalmology.

1. May & Worth—Diseases of the Eye.

Oto-Rhino-Laryngology.

1. Turner—Ear, Nose and Throat

Midwifery and Gynaecology.

1. Ten Teachers—Midwifery
2. Eden & Lockyer—Gynaecology
3. Ten Teachers—Diseases of Women.

J.
B. E. EXAMINATION.

FACULTY OF ENGINEERING.

B. E. Examination.

1. The Examination for the degree of Bachelor of Engineering shall be held once a year in Hyderabad at such time and on such dates as the Syndicate may prescribe.

2. The examination shall be open to students who after passing the Intermediate Examination of this University or of a recognised University with Mathematics, Physics and Chemistry as their optional subjects shall have prosecuted a regular course of study at the Engineering College at this University.

A registration fee of Rs. 10 shall be charged by the University for all students migrating to this University from any other University.

3. The course of instruction shall extend over four years, of which 3 years shall be spent in the college and the fourth year chiefly on works. University Examinations will be held at the end of the 1st, 2nd and the 3rd years and will be known as B.E. I, II and Final Examinations.

4. Applications for admission and certificates of attendence and progress in the prescribed form together with a fee of Rs. 20 for the B.E. I and B.E. II Examinations and of Rs. 30 for the B.E. Final examination shall be forwarded by the Principal so as to reach the Registrar four weeks before the examination.

No student of the University will be allowed to appear at any examination of the University unless he has attended at least 70 per cent. of the lectures delivered in each of the subjects of his study; 70 per cent. attendance in practical Classes also will be required. The Syndicate may, however, condone a deficinecy in attendance not exceeding 5 per cent. for special reasons, specially ill-health when the application is supported by a certificate from an authorised Medical Officer, which can satisfy the Principal.

A member of the U. T. C. shall be permitted to count as attendance the period spent on duty in connection with the University Training Corps Camp.

Students taking part in Inter-University Tournaments and Debates will be entitled to the same privilege.

5. Upon the receipt of the application, the attendance certificates and the fees prescribed, the Registrar shall, at least a week before the examination, cause to be furnished to the candidate a receipt for each fee received which will also serve as a ticket of admission to the examination hall to be produced by the candidate in the hall, if called for.

6. The B.E. examinations shall be conducted by means of printed papers. The papers will be set and answered in Urdu.

7. The following is the scheme of examinations
B. E. First Examination (Civil & Mechanical)

	No. in Syllabus	University Examination.			College Examination.			
		Paper	Practical	Total	Paper	Practical	Session Work	Total
1. Pure Mathematics.	1	100		100				
2. Applied do	2	100		100				
3. Surveying.	4,35	100	50	150				
4. Drawing: Free-hand, Geometrical and Machine.	3	100		100	100			100
5. Materials and Construction.	5,6				50			50
6. Elementary Geology	7				50			50
7. Elementary Metallurgy and Fuel.	8,9				50			50
8. Descriptive Civil Engineering.	10				50			50
9. Descriptive Mechanical Engineering.	11				50			50
10. Descriptive Electrical Engineering.	12				50	50		100
11. Workshop.	15				50		50	100
12. English.	14				50		50	100
13. Book Keeping.	13							50
14. Attendance in U. T. C. or in Sports or Physical Exercises if exempted from U.T.C.	16						50	50
Total ..				450				650

B. E. Final Examination. (Civil)

	No. in Syllabus	University Examination.			College Examination.			
		Paper	Prac- tical	Total	Paper	Prac- tical	Session Work	Total
1. Strength of Materials and Theory of Structures with Design and Drawing.	18,19	100		100			50	50
2. Reinforced Cement Concrete with Design and Drawing.	26	100		100			50	50
3. Irrigation and water Power with Design and Drawing.	27	0		100			50	50
4. One of the following:—								
(a) Water Supply and Sanitary Engineering.	28,29	100		100			50	50
(b) Architecture & Town Planning.	80,81							

5. Roads, Railways & Bridges with Design and Drawing.	82,88, 84	100		100			50	50
6. Project including Drawing and Viva Voce.	85		100	100			50	100
7. Workshop.	15					50	50	50
8. English.	14				50		50	100
9. Economics.	89				50			50
10. Business Organisation and Works Management.	40							50
11. Attendance in U.T.C. or in Sports or Physical Exercises if exempted from U.T.C.	16						50	50
Total ..				600				600

B. E. Final Examination. (Mechanical)

	No. in Syllabus	University Examination			College Examination			
		Paper	Prac-tical	Total	Paper	Prac-tical	Session work	Total
1. Strength of Materials & Theory of Structures with Design & Drawing	18 19	100		100			50	50
2. Applied Thermodynamics with Design & Drawing	21	100		100			50	50
3. Machines: Theory and Design	22	100		100			50	50
4. One of the following: with Design & Drawing	37							
(a) Aeronautics & Aero Engines (b) Hydraulic Machinery	38	100		100			50	50

No.	Subject								Total
5.	Electrical Engineering with Design & Drawing	25	100		100			50	50
6.	Project including Drawings & Viva Voce	36		100	100			50	50
7.	Workshop	15				50			50
8.	English	14					50	50	50
9.	Economics	39					50	50	50
10.	Business Organisation and Works Management	40					50	50	50
11.	Attendance in U.T.C. or in Sports or Physical Exercises if exempted from U.T.C.	16						50	50
	Total: ..				600				600

8. No candidate shall be deemed to have passed the B.E. Examinations unless he obtains a minimum of 33 per cent. of the marks in each of the written papers and in the practical examinations and 50 per cent. in the aggregate. Those who obtain not less than 70 per cent. of the marks in the aggregate shall be placed in the First Class and those obtaining not less than 50 per cent. in the Second Class.

Candidates failing at the B.E. I & II Examinations in one subject only but passing in the aggregate may be promoted to the higher class and allowed to appear at the next B.E. I & II Examinations respectively only in the subject in which they had failed. Such candidates will not be entitled to any class, prize, medal or scholarship.

9. A certificate setting forth the date of the examination, the subjects in which he was examined, the class in which he was placed shall be given to each successful candidate. The certificate of the B.E. I & II Examinations shall be signed by the Registrar and that of the B.E. Final Examination by the Chancellor.

10. Civil Engineering students who are successful at the Final Examination shall be attached for one year to a Public Works Division where large works are in progress and shall be regularly instructed in the preparation of materials, the practical details of contruction, the management of labour and in the system of accounts. Mechanical Engineering students shall spend the final year in a recognised Engineering Workshop.

11. The Degree of Bachelor of Engineering. (B.E.) will be awarded to those students who after passing their Degree Examination, have undergone one year's practical training as approved by the Faculty.

12. For detailed rules regarding 1. Admission. 2. Discipline. 3. Residence. 4. Fees. 5. Attendance. 6. Awards, see the prospectus of the Engineering Colllege section B1. C1. C2. C3. C4 and C6. respectively.

1. PURE MATHEMATICS.

I Year Civil and Mechanical.

Text Books:

1. Higher Algebra Part II (as per Urdu translation) by Hall & Knight.
2. Plane Trigonometry Part II by Loney.
3. Elementary treatise on Conic Sections by Smith.
4. Infinitesimal calculus by Lamb (Parts I & II as per Urdu translation).

Recommended for reference:

1. The elements of Coordinate Geometry by Loney.
2. Differential & Integral Calculus by Philips.
3. Elements of Differential and Integral Calculus by Granville.
4. Differential and Integral Calculus for beginners by Edwards.

1. *Algebra:*—Determinants, partial fractions, exponential and logarithmic series. Simple tests on convergence and divergence of series; elementary theory of equations. Approximate graphical solutions of numerical equations.

2. *Plane Trigonometry:*—De-moivre's Theorem, Circular and hyperbolic functions and their expansions.

3. *Analytical Geometry:*—Properties of and problems on the straight line, the circle, the ellipse, the parabola and the hyperbola by Cartesian and polar co-

ordinates. Reduction of the general equation of the second degree in two variables and tracing of the second degree curves.

4. *Differential Calculus*:—Fundamental notions: rules of differentiation. Geometrical and Mechanical applications. Tangents and Normals; successive differentiation. Theorems of Taylor and Mac Laurin, partial differentiation, Euler's Theorem. Maxima and minima of functions of a single variable.

5. *Integral Calculus*:—Integration of standard forms; Integral as the limit of a sum; Elementary definite Integrals.

II Year Civil and Mechanical.

Text Books:

1. Coordinate Geometry of three dimensions by Bell.
2. Infinitesimal Calculus (Parts II & III as per Urdu Translation) by Lamb.
3. Differential Equations by Piaggio.
4. Spherical Trigonometry by Todhunter and Leathem.

Recommended for reference:

1. Solid Geometry by Smith.
2. Differential Equations of Engineering Science by Barker, J. E. & Foster P.
3. Mathematics for Engineers Part II by W. N. Rose.
4. Applied Mathematics for Engineers by T. Hodgson (Volumes II & III).

1. *Spherical Trigonometry*:—Introduction to spherical trigonometry up to the solution of spherical triangles. Napier's Rules of circular parts for right angled triangles. Napier's and D'Alembert's analogies. Adaptation of formulae to logarithmic computations.

2. *Analytical Geometry of three dimensions*:— Different systems of co-ordinates of a point in space; direction cosines of a straight line and problems thereon. Planes, cylinders, spheres and standard forms of second degree surfaces.

3. *Differential Calculus*:—Asymptotes, curvature, tracing of curves from their Cartesian and polar equations. Determination of Laws by graphical methods. Envelopes, Involutes, Evolutes.

4 *Integral Calculus*:—Method of substitution. Integration by parts. Integration of rational algebraic functions. Simple reduction formulae. Definite integrals. Calculation of curve lengths and areas. Simpson's Rules. Planimeters. Approximate evaluation of definite integrals by numerical and graphical methods. Mean values by integration. Volumes and surfaces of solids of revolution. Double and triple integrals. Mass centres and moments of inertia.

5. *Differential Equations.*—Formation of differential equations ordinary and partial. Solutions of the standard forms of equations of the first order. Linear equations with constant or homogeneous coefficients. Linear simultaneous equations in two dependent variables only. Geometrical and mechanical applications. First order simultaneous equations. Standard forms of elementary partial differential

equations. (Lagrange's linear equation only). Approximate integration of differential equations by graphical and numerical methods.

2. APPLIED MATHEMATICS.

I Year Civil and Mechanical.

Text Books:
1. Elements of Statics by S. L. Loney.
2. Elements of Dynamics by S. L. Loney.
3. Elements of Hydrostatics by S. L. Loney.

Recommended for reference.—

1. Intermediate Mechanics Parts I &II (Statics and Hydrostatics) by D. Humphrey.
2. Intermediate Mechanics Part III (Dynamics) by D. Humphrey.
3. Hydrostatics by Greaves.

1. *Statics*:—Concurrent and parallel forces, moments, couples, equilibrium of forces in a plane, (Graphical Statics, Theory of frames) centre of mass and friction. Work, simple machines, the pulley, the wheel and axle, the differential pully, the balance, the steel yard.

2. *Hydrostatics*:—Transmission of fluid pressure. Thrust on a plane area. Centres of pressure. Resultant thrust on any surface. Equilibrium of floating bodies, stability, meta centre. Hydrometers, Barometer. Atmospheric pressure and the determination of altitude by barometric observations. The general phenomena of capillarity, elevation and depression. The principles underlying the action of the suction pump, the force pump, the syphon, the hydraulic press.

II *Year Civil and Mechanical.*

Text Books:

1. Higher Statics by Loney.
2. Dynamics of a particle and rigid bodies by Loney.

Recommended for reference:

1. Statics by Ramsey.
2. Dynamics (Part I) by Ramsey.
3. Hydrostatics by Ramsey.
4. Applied Mathematics for Engineers by T. Hodgson (Vols. I & II).

1. *Statics*:—(a) Advanced treatment of the portions taught in the first year with the help of calculus.

(b) Virtual work. Stable and unstable equilibrium. Strings and chains. The catenary. The parabolic chain. Forces in three dimensions. Compositiin and resolution and simple problems.

2. *Hydrostatics*: Advanced treatment of the portions taught in the first year with the help of calculus.

3. *Dynamics*: Vectors. Composition and resolution of velocities and accelerations. Relative velocity. Motion in a straight line with constant and variable accelerations. Newton's Laws of motion. Impulse, work, power, energy. Simple harmonic motion. Constrained motion. Simple pendulum.

Displacement in one plane, velocities and accelerations. Radial and transversal velocities and acce-

lerations. Tangential and normal accelerations. Angular velocity. Projectiles. Motion on a smooth plane curve.

Principles of conservation of linear and angular momentum and energy. Instantaneous impulses. Impact.

D'Alembert's principle. Moment of inertia. Rotation of a rigid body about a fixed axis. Compound pendulum. Reactions on a fixed axis. Elementary motion of a rigid body in two dimensions.

3. DRAWING.

I Year Civil and Mechanical.

Text Book: Roorkee Series on Drawing Vol. I & II.

1. *Plane Geometry.* Use and care of drawing instruments. Proportional division of a line. Construction of plain and diagonal scales and scale of chords. Construction of and problems relating to triangles, quadrilaterals, circles, polygons; construction of ellipse, tangents and normals. Parabola, Hyperbola, cycloids, involute of a circle, spiral, loci.

2. *Solid Geometry and Projections.* Principles of Projection. Projection of points and lines. Sections of solids. Interpenetration of solids. Simple cases of intersection of plane and curved surfaces.

3. *Machine Drawing.* Drawings of simple machine parts such as (a) Bolts, Nuts and Screws. (b) Cranks. (c) Forms and proportions of pipes and cylinder flanges. (d) Pistons. (e) Stuffing boxes.

4. *Free-hand and Model Drawing.* Elementary instructions in careful observation and accurate

sketching in pencil from sketches and drawings and also from simple models and architectural details.

5. *Isometric Projection.* Isometric projections of simple objects.

6. *Inking.* Practice in tracing, inking and printing.

4. SURVEYING.

Text Book: SURVEYING—ROORKEE SERIES.

I Year Civil and Mechanical.

1. *Introduction*: Definition and classification of surveys; general principles of Surveying.

2. *Chain Survey*: Principles of chain survey. Use and adjustment of the various instruments employed in chain survey including Optical Square and Abney's Level. Offsets and errors in offsets. Problems in chain survey, limits of errors; determination of areas by chain surveys. Use of Planimeter.

3. *Compass Survey*: Use and adjustment of various types of compasses. Methods of compass survey, Customary errors and limits of errors.

4. *Minor Instruments*: Use and adjustment of Box Sextant, Ghat Tracer, verschoyle transit and other minor instruments.

5. *Levelling*: Definitions and principles of construction of a levelling instrument and its various parts with special reference to the spirit bubble and the telescope. Principles of levelling. Use and adjustment of various types of levelling instruments. Various levelling staves. Different kinds of levelling operations. Different types of level books. Errors in

levelling due to curvature and refraction. Various other causes of errors in levelling. Elimination of such errors. Various methods of contouring. Uses of contours.

6. *Theodolite*: Various types of theodolites; principles of construction and adjustment of theodolites. Various methods of traversing with a theodolite. Gale's system of co-ordinates. Convergency correction. Errors in theodolite traversing. Determination of heights and distances by a theodolite.

II Year Civil.

1. *Planetabling*: Instruments employed in planetable survey. Use and adjustment of these instruments. Telescopic alidade. Various methods of planetable survey. Three point and two point problems. Contouring by planetabling. Error in planetabling.

2. *Tacheometry*: Theory and use of stadia wires. Use and adjustment of Jeffcott's direct reading tacheometer. Tacheometric surveys. Tacheometric reductions.

3. *Curve Ranging*: Theory of simple curves. Curves laid out with the aid of instruments for angular measurements. Curves laid out by linear measurements only, by chords and offsets, and by offsets inside the curve, by offsets outside the curve. Compound curves. Transition curves. Vertical curves. Problems in curve ranging.

4. *Topographical Maps*: Map reading. Preliminary reconnaissance with the aid of topographical maps. Determination of catchment areas.

5. *Baseline Measurements* : Instruments employed in baseline measurements. Various methods of corrections.

6. *Minor Triangulation* : Principles of minor triangulation. Reconnaissance. Methods of observasation. Computations. Three-point problem. Two-point problem.

7. *Tunnel Alignment* : Instruments used and methods employed. Errors in alignment.

8. *Field Astronomy* : Definitions. Celestial coordinates. Corrections to observed altitude. The sidereal, apparent and mean time. Equation of time. Theory concerning the determinition of time and azimuth by extrameridian observations of the sun and stars. Determination of latitude by circummeridional observations of the sun and stars.

FIELD WORK.

I Year Civil and Mechanical.

Practical work in all the items of the syllabus.

II Year Civil.

Practical work in all the items of the syllabus except Tunnel Alignment.

5. BUILDING MATERIALS.

I Year Civil and Mechanical.

Text Book : Building Materials—Roorkee Series.

1. *Stones* : Characteristics, varieties of stones and their suitability to engineering works. Methods of quarrying.

2. *Bricks and Tiles* : Different classes of bricks and their distinguishing qualities. Methods of manufacture of bricks and tiles. Uniformity of quality and size. Absorption of water. Terra Cotta. Stone ware pipes.

3. *Cement, Lime and Mortar* : Sources of supply. Manufacturing process. Varieties of lime and cement. Clay puddle : methods of making and placing.

4. *Timber* : Felling and seasoning. Varieties of timber used in construction. Preservation of timber against rot.

5. *Metals* : Iron and steel; varieties and suitability for use; copper, zinc, lead, tin and other alloys.

6. CONSTRUCTION.

I Year Civil and Mechanical.

Text Book : Roorkee Series on Building Construction.

(1) *Buildings* : Foundation. Masonry Stone & Brick. Plastering. Roofing. Flooring. Carpentry. Painting etc.

(2) *Roads and Bridges* : Earth work. Metalling. Culverts and Bridges (including retaining walls).

(3) *Irrigation Works* : Masonry Dams. Earthen Dams. Canals.

7. Geology and Mineralogy.

I Year Civil and Mechanical.

Text Book: Engineering Geology by Fox.

1. Discussion of the geological agents at work on and beneath the surface of the earth; water; frost; snow; ice; the atmosphere; chemical, mechanical and organic actions, Phenomena of earthquakes, volcanoes, elevation and depression of land. Geological functions of plants and animals

2. The classification of the stratified crust of the earth; the primary, secondary, and tertiary rocks, fossils and minerals. Essential constituents of common rocks, such as limestone, gneiss, micacesus and chloritic schists; granite: syenite, trachtye, pumice; sandstone; slate, laterites, etc.

3. Description of beding and joints. inclination of rock; dip outcrop and strike, curvature; monocline. Syncline, Anticline. Nature and origin of faults, veins and dykes. Igneous rocks. Metamorphism. Ore deposits, unconformability.

4. *Indian Geology.*—Mountain rages, plains and rivers. Distribution of alluvium, trap, and crystalline rocks. Drift of Indian coasts. River drift of the Narhada and Tapti. Alluvial plains of the Indus and the Ganges. Formation of the Laterite and Regur, and their relation to vegetation. Rocks of the Siwalik Hills, and the pliocene mammalia. Nummulitic rocks. Drift of Indian coasts. River drift of Distinctive fossils; (1) marine, and (2) terrestrial of the Tertiary period. Marine cretaceous rocks their mineral character and fossils. Volcanic rocks of the Deccan, and their interbedded deposits. The Jurassic rocks of Cutch. The lower Gondwana rocks of India. The Talchir Series. The coal-fields of the

Gondwana rocks and their fossil plants. The marine Trias of the North of India. Relations of secondary to primary strata in India. Carboniferous rocks of the Salt Range. Vindhiyan and older stratified deposits. The Charnockite series of crystalline rocks. The gneiss and schists of South and Central India. General structure of the Himalayas.

Mineralogy.—Crystal form and symmetry; division into systems; their principal characteristics; classification based upon (*a*) chemical composition, (*b*) physical properties, *e.g.*, specific gravity, hardness, cleavage, fracture; phenomena relating to light; simple description and identification of rock forming minerals, ores, veinstones, salts and gems.

8. METALLURGY.

I Year Civil and Mechanical.

Text Book: Metallurgy by Dr. Rhead.

Recommended for reference: Metallurgy by Gregory.

1. *Introduction.* Relation to Engineering General principles of metallurgy and application to industries.

2. *Metallurgical processes*: Definitions and principles underlying the same.

3. *Cast Iron*: Manufacture, composition and uses. Effects of presence of foreign elements.

5. *Wrought Iron*: Manufacture, properties and uses.

6. *Steel*: Various methods of manufacture. Properties, composition and uses.

7. *Special Steels*: Effect of nickle, chromium, molybdenum, tungsten, silicon, carbon, etc. on the properties of steel.

8. *Heat Treatment*: Elementary knowledge about the importance of the same with respect to steel. Hardening, tempering, annealing, normalising.

9. *Refractory Materials*: Acid, basic, and nuetral: their composition, properties and uses, with reference to furnace practice.

10. *Non-ferrous metals*: Aluminium, copper, zinc, tin, nickel.

9. FUELS.

I Year Civil and Mechanical.

Text Book: Metallurgy by Dr. Rhead.

Recommended for reference: Fuels by Braeme.

1. *Introduction*: Importance of fuels for production of power.

2. *Classification of fuels*: Natural and artificial; solid, liquid and gaseous.

3. *Solid fuels*: Wood, charcoal, peat, lignite, coal, coke, briquette, industrial refuses, their composition, properties and uses.

4. *Liquid Fuels*: Crude petroleum, petroleum products, synthetic fuels, hydrogenation process, vegetable oils, their composition and uses.

5. *Gaseous Fuels*: Natural gas, gaseous fuel from charcoal, coal and oils. Their composition, properties and uses.

10. DESCRIPTIVE CIVIL ENGINEERING.

I Year Civil and Mechanical

1. *Roads*: Alignment, instruments used in alignment, curves, moorum roads, tar roads, metal roads cement concrete roads, ghat roads, etc.

2. *Railways.*

3. *Bridges*: Selection of site, water ways, culverts, and their positions, embankment, names of different parts and general description of construction.

4. *Dams*: Masonry dams, earthen dams, concrete dams, composite dam and the selection of site.

5. *Canals*: Alignment of canal, contours and distributaries, aqueduct, syphon etc.

6. *Tunnels*: Elementary alignment of tunnel, for roads and mines, etc.

7. *Locks*: The necessity and their position and construction.

8. *Docks*: Site, construction, materials used and their necessity.

9. *Buildings*: Selection of site, water supply and materials used, sanitation and lay out.

11. DESCRIPTIVE MECHANICAL ENGINEERING.

I Year Civil and Mechanical

Text Book:—Mechanical Engineering by R. S. Mc.-Laren.

1. *Materials*: Elementary properties of materials.

2. *General*: Definitions and units of force, work, pressure, torque, horse-power and speed. Units of heat and their relation to work, their relationships and measurement. Meaning of I.H.P., B.H.P., S.H.P., Mechanical Efficiency, Thermal Efficiency, and losses. Indicator cards and mean effective pressure.

3. *Boilers*: Important types of boilers: Lancashire, Cornish, water-tube and fire-tube boilers.

4. *Condensers*: General description.

5. *Steam Engines*: General description and theory of operation of steam engines. Simple and compound engines. Single and double acting engines. Starting, running and stopping of steam engines.

6. *Steam Turbines*: General description and elementary theory.

7. *Internal Combustion Engines*: General description and theory of operation of gas, petrol and oil engines, Cycles of operation. Maintenance and running of above.

8. *Hydraulic Mechinery*: (a) *Pumps*. General description and principles of operation of centrifugal and reciprocating pumps. (b) General description and operation of water wheels and turbines. (c) *Hydraulic machinery*. Jack, crane, press, accumulator and intensifier.

9. *Lifting Machinery*: Hoist, crane and winches.

10. *Machine Parts*: Bolts, nuts, keys, cotters, rivets, riveted and pipe joints. Various types of bearings.

. Descriptive Electrical Engineering.

I Year Civil and Mechanical

Text Book: Technical Electricity by Davidge Hutchinson.

1. *Electric Current*: Meaning of an electric current. Sources of electric current. Properties of electric current. Unit of current. Heating, magnetic and chemical effects. Electrical pressure. Unit of pressure. Voltage and Energy.

2. Ohm's law and resistance. Specific resistance. Kirchhoff's laws.

3. *Electro-magnetism.* Fundamental laws. Work done in a magnetic field. Maxwell's rule. Lenz's law. Induced E.M.F. Faraday's laws of Induced E.M.F. Self and mutual induction.

4. *D. C. Generators and motors*: General principles. Principal parts. Types. Characteristics. Losses and efficiency. Speed control. Starters.

5. *Alternating currents*: General idea and definitions. Average and R.M.S. values. Power and power factor. Method of production.

6. *Alternators*:—Principle of working and construction.

7. *Transformers*: Principle and working. Care and maintenance.

8. *Induction motors*: Elementary idea.

9. *House wiring*: Circuits, switches, fuses, insulation, possible defects. Care of house wiring. Heating apparatus. Household electric apparatus, kettles, electric irons, fans, bells, bulbs.

13. Book-Keeping.

I Year Civil and Mechanical

Text Book:

Book-keeping:—General principles of book-keeping. Single and double entry book-keeping. Preparation of trial balances, trading, and profit and loss accounts. Balance sheets and adjustments. Elements of costs. Principles of cost accounting. Manufacturing and consignment accounts. Methods of depreciation.

14. English.

I Year Civil and Mechanical

Paraphrasing dictated passages. Translation from Urdu into English. Essay and letter writing. Conversation practice.

II Year Civil and Mechanical

Writing in own words short passages read out. Essay and letter writing. Conversation practice.

III Year Civil and Mechanical

Precis writing. Writing technical reports. Conversation practice.

15. Workshop Practice.

I, II and III Year Civil and Mechanical.

1. *Carpentry*: The names, objects and methods of using and setting hand tools for:

   i. The names, objects and methods of using and

(a) *Cutting*:—(i) Axe (ii) Adze (iii) Chisel (iv) Gauge (v) Draw knife (bi) Spokeshave (vii) Jack plane (viii) Smoothing plane (ix) Moulding plane (x) Wood scraper (xi) Saws.

(b) *Boring*:—(i)Brad awl (ii) Gimlet (iii) Auger (iv) Brace.

(c) *Wood working machines.—*

ii. *Practice in*: (a) Sawing (b) Chipping (c) Planing (d) Slotting.

iii. *Preparing model joints*: (a) Mortice (b) Tennon (c) Dove tail (d) Halved joint (e) Rafter joint.

iv. Preparing models such as rag bolt, foundation plate from drawing.

2. *Smithy*:

i. *General arrangement of smithy*: (a) Stack and open fire (b) supply of blast.

ii. *Operation in forging*: (a) upsetting (b) drawing down (c) cutting out (d) bending (e) punching (f) drifting.

iii. *Theory of welding*: (a) Forms of welded joints (b) Butt-scarf splice (c) Stud and shaft welds.

iv. The names, objects and methods of using and setting hand tools.

v. *Practice in*: (a) Sledge hammer (b) Drawing taper (c) Bending at right angles (d) Making links (e)Forging: (i) Key (ii) Bolt (iii) Nut (f) Welding (i) Rods (b) Rings (iii) Plates (g) Soldering (h) Brazing.

3. *Fitting* :

    a. The names, objects and methods of using and setting hand tools:

(a) Cold and hot chisel (b) Hammer and file (c) Scraper (d) Scribing blocks (e) Surface gauge (f) Square in marking out works (g) Flat files (h) Centre punch (i) Calipers (j) Dividers (k) Chisel and hack saw (l) Chain spanner or pipe wrench (m) pipe vice (n) Clamp (o) Screw jack vice.

b. *Practice in* : (i) Chipping of cast iron (ii) Filing square and hexagonal prism (iii) Scraping (iv) Groove cutting and key (v) Fitting key (vi) Dieing and taping.

4. *Masonry* :

    a. The names, objects and methods of using and setting hand tools for

i. *Marking out* : Mason's wooden square, Mason's line, Spirit level, Levelling, Theodolite, Tape.

ii. *Dressing* : Hammers. Different kinds of chisels.

iii. *Construction* : Two-foot rule, Mason's square, Mason's trowels, Pointing wooden templates, Bevel, Plumb-rule, Plumb bob, Straight edge, Set square & Spirit level.

b. *Practice in use of above tools.*

c. *Construction of* :—Brick masonry. Uncoursed rubble stone masonry. Coursed rubble masonry. Arch masonry.

d. *Demonstration of*:—Jack arch terrace, Madras terrace, Gable roofs: *a.* Country tiles *b.* Mangalore tiles *c.* Bengal terrace & Setting doors and windows.

16. *U. T. C.*

I, II and III Year Civil and Machanical.

University Syllabus.

17. ENGINEERING DESIGN AND DRAWING.

II Year Civil.

Loads. Working stresses, factors of safety, Riveted joints. Plate girder bridges. Roof Trusses. Retaining Walls. Water Reservoirs. Beams and Lintels. Jack arched Roofing. Various kinds of foundations.

DRAWINGS.

Building (one plate). Riveted joints (two plates). Plate or Built-up Girder (or Bridge) (one plate). Steel or Timber Roof Truss (three plates). Retaining wall or water reservoir (one plate). Grillage foundation or Jack arched roofing (one plate).

II Year Mechanical.

Principles of the strength of materials applied to the designs of parts of machines. Load. Stress and Strain. Effect of live loads. Factor of safety. Working stresses for various materials. Design of fastenings used in machine construction such as bolts, screws, keys, cotters, rivets and riveted joints. De-

sign of thin pipes and pipe joints. Shafts, axles and shaft couplings. Design of belts and friction gearing. Design of flywheels and pulleys. Design of pistons, piston rods, cylinders, cranks, eccentrics, crossheads, and connecting rods.

DRAWINGS.

Complete working drawings of some of the machine parts mentioned above to be made during the session.

18. STRENGTH OF MATERIALS.

Text Book:—Strength of Materials by A. Morley.

II Year Civil and Mechanical

Elastic stress and strain. Resilience. Theory of bending. Stresses in beams (bending and shear) Deflection of beams.

III Year Civil and Mechanical

Built-in and continuous beams. DDirect and bending stresses, (short and long columns).

Flat plates. Pipes and cylinders.

LABORATORY WORK.

II Year Civil and Mechanical.

(1) Testing bricks for resistance to cracking and crushing.

(2) Testing cement for fineness and setting and cement and lime mortar for strength.

(3) Testing metal bars for strength in tension, compression, bending and torsion and finding the various elastic costants.

(4) Testing metals for hardness.

(5) Use of extensometers.

19. THEORY OF STRUCTURES.

Text Book: Theory and Design of Structures by E. S. Andrews.

II Year Civil and Mechanical.

Riveted joints. Bending moments and shearing forces for rolling loads. Framed structures. Block work structures. Earth pressure. Foundations.

III Year Civil and Mechanical

Deflection of beams (graphical method). Deflection of framed structures. Moving loads on framed structures. Suspension Bridges. Metallic arches. Masonry arches. Retaining walls. Theories of earth pressure. Steel and masonry chimneys. Masonry dams.

20. HYDRAULICS.

II Year Civil and Mechanical.

Text Book: Hydraulic by Lea.

Recommended for reference:—Hydraulics by Lewitt.

Hydraulics by Love.

1. *Introduction*:—Significance of the subject in different branches of Hydraulic Engineering. Brief resume of the historic development of the hydraulic science. Scope and division of the subject.

2. *Hydrostatics*:—Principles of hydrostatic pressure and buovancy applied to hydraulic structures.

3. *Fluids in Motion (General Principles)*: Ideal Fluid. Different kinds of motion: stream line and turbulent, steady and unsteady, uniform and non-uniform. Law of continuity. Bernoulli's theorem: Equation of energy. Practical applications in measuring water. Venturimeter and Pitot tube. Vortex motion: free and forced.

4. *Flow through orifices and mouthpieces*:— Small orifices: Discharge formula, coefficients of dischare, velocity and contraction. Standard orifice. Large orifices: discharge formula. Partially and fully drowned orifices. Velocity of approach. Flow under variable head: time of emptying vessels. Canal locks. Loss of head due to sudden enlargement, contraction and obstruction. Loss of head in convergence and divergence. Mouthpieces: internal and external: cylindrical and tapering: method of getting high coefficient of discharge.

5. *Flow over Weirs*:—Nature of flow: surface, crest and end contraction. Types: sharp and broadcrested: clear overfall and submerged. Discharge formula for sharpcrested rectangular weir. Discharge formulae and coefficients for triangular. trepezoidal and Cippoletti weirs. Broadcrested weirs: variation of coefficient with shape and size of

crest. Anicuts. Submerged weirs. Ogee weirs. Siphon weirs. Oblique weirs. Time for lowering level of reservoirs by means of weir.

6. *Flow through pipes* :--Fluid friction in stream line and turbulent flow. Flow in pipes: distribution of velocities, wetted perimeter, hydraulic mean depth. hydraulic gradient, energy gradient. Loss of head due to friction: coefficient of friction, critical velocity, Reynold's Number. Chezy's formula. Loss of head in bends, elbows, tees, valves. Losses in a pipe system: long pipe and short pipe.

Practical problems: design of pipes and branch pipes; parallel flow; time of emptying tank through pipe; pumping main; hydraulic transmission of power; nozzles; syphons. Water hammer.

7. *Flow in open Channels (uniform)* :—Definition: difference between pipe flow and channel flow. Chezy's formula for mean velocity. Determination of C from Kutter's and Bazin's coefficients of roughness. Manning's exponential formula for mean velocity. Economical sections: in rectangular trapezoidal and circular channels. Depth for maximum velocity in circular channels. Ovoidal sewers. Permissible velocities: silting and scouring. Kennedy's theory of silt transportation and critical velocity in alluvial channels. Lacey's theory and formulae. Flow in bends: nature of flow; Raju's coefficients in relation to Reynold's numbers, ratio of curvature and width ratio, and depth and width ratio.

8. *Flow in open channels (non-uniform)* :—General description. Flow in bridge openings. Afflux. Back-water. Critical velocity. Flow at critical depth. Hydraulic jump. Standing wave. Used as a dissipator of energy and as a measuring device.

9. *Measurement of Flowing water*:—

In Pipes:—Venturimeter, Diaphragms. Pitot tube. Water meters.

In Channels:—Distribution of velocities in the section of a channel. Velocity measurement by floats, velocity rods, Pitot tube and current meters and computation of discharge. Salt velocity method. Chemical gauging. Travelling screen method. Weirs. Venturi flume meter.

In Rivers:—Floats. Current meter. Observation of flood marks and computation of velocity and meter.

10. *Dynamical similarity and model experiments*:—Brief resume of the historic development of the solution of problems connected with hydraulic structures by means of experiments with scale models. Factors affecting hydraulic flow: viscosity, gravity, surface tension and elasticity. Dimensional homogeneity. Geometrical similarity. Dynamical similarity, between the model and the prototype. Criteria of Reynolds, Froude, Weber and Cauchy. Corresponding flow characteristics: length, time, velocity, discharge, etc. Typical examples of calculation.

LABORATORY WORK.

Determination of the coefficients of discharge of sharp edged orifices and various internal and external mouthpieces.

Determination of the coefficients of discharge of sharp edged rectangular weir, Cipholetti weir, broad crested, oblique and syphon weirs.

Determination of the coefficients, and calibration or right angled V-notch, Venturi meter, Venturi and Standing wave flume meters.

Determination of coefficient of friction in pipes and losses in bends etc.

Gauging flow of streams by current meter, floats and velocity rods.

21. Applied Thermodynamics

II Year Civil and Mechanical.

Text Book:—The Theory of Heat Engines by
W. Inchley.

1. *Laws of Thermodynamics*:—Laws of permanent gases. The two thermodynamical laws. Internal energy and total heat of a gas.

2. *Gaseous expansion and compression*:—Isothermal and adiabatic expansion of gases assuming constant specific heats. Expansion under a general law and throttling. Work done in various cases. Heat exchanged and change of internal energ.

3. *Cycles of operation*:—Air standard efficiencies of Carnot, constant volume and constant pressure cycles. Carnot cycle and conditions for maximum efficiency. Carnot cycle and reversibility.

4. *Entropy*:—Changes of entropy of gas under various conditions. Temperature and entropy charts and their use.

5. *Internal combustion engines*:—Cycles of operation of internal combustion engines. Addition of heat at constant volume and constant pressure. Two and four stroke engines. Ideal, actual, thermal, relative and volumetric efficiencies.

6. *Hot air engines*:—Stirling, Joule and Ericsson cycles. Their theories and efficiencies.

7. *Air compressors and motors*:—Theory of air compressors and motors. Single and multi-stage compressors. Spray injection, intercoolers and aftercoolers. Methods of reducing losses. Effect of clearance, leakage etc. on the efficiencies of air compressors and motors.

8. *Properties of steam*:—Properties of wet, dry and superheated steam. Total, latent and sensible heats of steam. Specific volumes. External work done and internal energy Throttling and dryness factor. Entropy of steam. Total heat-entropy (Mollier) and temperature-entropy charts and their uses.

9. *Steam Engines*:—Non-expansive and expansive working of steam. Carnot and Rankine cycles for steam. Effect of clearance and cushioning on efficiency. Effect of use of superheated steam. Sources of losses in actual engines and methods of reducing them. Indicator cards and diagram factor. Condensing and non-condensing engines.

10. *Boilers*:—Construction of boilers. Important types. Boiler efficiencies and heat balance charts. Combustion.

11. *Condensers*:— General description and elementary theory. Efficiencies of steam engines and turbines as affected by the degree of vacuum in the condensers.

12. *Steam Turbines*:—Flow of steam through orifices and nozzles. Heat drop. Design of nozzles, velocity of steam at throat and exit of the nozzles. DeLaval turbines. Multi-stage impulse turbines. Reaction turbines.

13. *Refrigerators*:—Theory and application of refrigerators. Coefficient of performance. Carnot and Bell-Colman cycles.

LABORATORY WORK.

II Year (Civil & Mechanical).

(Numbers refer to experiments)

1. Determination of calorific value of solid.
2.   ,,   ,,   ,,   liquid.
3.   ,,   ,,   ,,   gas.
4.   ,,   viscosity of lubricant
5.   ,,   calibration of pressure gauge.
6. Determination of I.H.P., B.H.P., F.H.P. & load mechanical efficiency curves of oil engine.
7. Determination of fuel consumption variation with load of an oil engine and thermal efficiencies.
8. I.H.P., B.H.P., F.H.P. & load-mechanical efficiency curves for a gas engine.
9. Variation of fuel consumption with load of a gas engine and thermal efficiencies.
10. Tests on a steam engine—Simple and non-condensing to determine I.H.P., B.H.P., F.H.P. & load-mechanical efficiency curves.
11. Steam consumption—load curves.

12. ⎫ Same as 10 & 11 but engine running com-
13. ⎭   pound and non-condensing.

14. ⎫ Tests on an air compressor to determine its
15. ⎬   volumetric and mechanical efficiencies and
    ⎭   discharge per second.

III Year Mechanics.

1. Study of steam engine installation and its accessories.

2. (Determination of quality of steam by the use of throttling and separating calorimeter).

3. Experiments on a compound-condensing engine to determine expansion ratios.

4. Determination of M.E.P. of high and low pressure cylinders. M.E.P. referred to low pressure cylinder, assumed card M.E.P. and diagram factor.

5. Determination of mechanical, thermal, Rankine and overall efficiencies and efficiency ratio.

6. Load and steam consumption curves.

7. Determination of the coefficient of conductivity of a condenser.

8. Determination of air discharge from air pump.

9. Heat Balance Chart for a steam engine.

10. Performance of a boiler feed pump. Water and indicated horse power, mechanical ther-

mal and ideal efficiencies of a non-expansive cycle.

11. Boiler trial and preparation of heat balance chart.

12. Experiment on a D-slide valve and preparation of valve diagrams.

13. Tests on oil engine to study variation of fuel consumption with I.H.P. and B.H.P. and relation between mechanical, thermal, relative, overall efficiencies and B.H.P. or I.H.P.

14. Preparation of heat balance chart.

15. Study of governing of the engine and determination of valve events.

16. ⎫
17. ⎬ Same as 13, 14 & 15 but on gas engine.
18. ⎭

19. (Tests on steam turbines and determination of Willan's line).

20. (Effect of variation of vacuum on the efficiency of turbine).

21. (Determination of actual, ideal and relative coefficients of performance of a refrigerating plant).

22. (Effects of superheating and undercooling on performance of a refrigerating machine).

III Year (Mechanical).

The portion covered in the II Year together with the following :-

1. *Internal combustion engine :*—Ignition. Effect of advancing and retarding of ignition on effi-

ciencies. Effect of compression on fuel economy. Description of leading types manufactured. Semi-Diesel engines. Methods of injection. Detonation. Methods of governing. Supercharging. Effect on economy of quality of charge, speed and cylinder proportions.

2. *Steam Engine*:—Compounding and its advantages. Distribution of power and determination of cylinder dimensions. Mean effective pressure and steam consumption from indicator diagrams. Willan's Line. Application of the saturation curve to the indicator diagram. Missing quantity. Conversion of pressure-volume to temperature-entropy diagram. Steam-jacketing. Effect of speed, pressure, expansion ratio and vacuum on the consumption. Thermal efficiencies of the regenerative cycles. The binary vapour engines.

3. *Boilers*:—Draught. Heat transmission through plates and tubes. Lagging. Osborne Reynolds law of heat transmission. Feed water heaters. Economisers. Evaporators.

4. *Condensers*:—Construction and maintenance of several types of condensers such as jet, surface and barometric. Ejectors. Air pumps and vacuum augmenters.

5. *Steam Turbines*:—Velocity-compounded, pressure-compounded and cross-compounded turbines. Design of blades and drums. Strength of spinning discs. Effects of high pressure, temperature and superheat on the operation of turbines. Governing of steam turbines.

6. *Refrigerators*:—Types of vapour compression machines. Effect on coefficient of performance of

superheating and undercooling. Choice of a refrigerant. Use of Mollier's chart.

7. *Advanced Physics of Gases and Vapours*:—Vander Waal's and Callender's equations. Elementary treatment of variable specific heat theory and the effect of variable specific heats on the operation of internal combustion engines. Clapeyron's equation, and the specific volume of steam.

22. THEORY OF MACHINES AND MACHINE DESIGN.

II Year Civil and Mechanical.

Text Book:—Theory of Machines by Toft and Kersey.
    Mechanisms by Dunkerley.

1. *General*:—Definitions of a machine, mechanism, machine elements, pairs, links and chains. Higher and lower pairing. Constrained motion and degrees of freedom. Inversion. Motion of translation and rotation. Virtual motion in mechanisms. Instantaneous centres and centrodes.

2. *Mechanisms*:—Simple mechanisms and their instantaneous centres, velocity and acceleration diagrams. Relative velocities and acceleration.

3. *Cams*:—Various types and their design.

4. *Belts, Ropes and Chains*:—Elementary theory and design.

5. *Wheel Gearing*:—Simple, compound and epicyclic trains. Elementary treatment of cycloidal and involute teeth.

6. *Governors*:—Simple types and speed control.

7. *Balancing*:—Primary balancing of rotating masses.

8. *Friction*:—Laws of friction. Friction of lubricated and unlubricated surfaces. Inclined plane. Screw and nut.

9. Construction of simple slide valve diagrams, Piston displacement, velocity and acceleration diagrams of the reciprocating engine mechanism. Klein's construction. Crank and piston effort diagrams. Correction for the inertia of reciprocating parts. Maximum fluctuation of energy and design of flywheel.

III Year Mechanical.

1. *Valve Gears*:—D-slide, piston and drop.

2. *Radial Valve Gears*:—Hackworth, Joy and Marshall valve gears.

3. *Link Motion*:— Stephenson, Gooch and Allan.

4. *Straight line Mechanisms*:—Derivations from four bar mechanism. Scott Russell and Watt's parellel motion. Coupling between non-axial shafts. Hooke's Joint.

5. *Wheel Gearing (advanced)*:—Worm, screw, helical and bevel gearing. Differential and other gears.

6. *Governors (advanced)*:—Inertia governors. Isochronism. Controlling force diagrams. Hunting.

7. *Balancing (advanced)*. Secondary balancing of rotating and reciprocating masses.

8. *Gyroscopic Theory and Steering Gears*:— Elementary treatment of the above.

9. *Whirling*:—Design of high speed shafts. Ravleigh's principle.

10. *Vibration*:—Torsional and transverse vibrations of wires and beams. Forced vibrations and resonance. Effect of fluid friction.

11. *Dynamometers*:—Transmission and absorption types. Their operation and uses.

12. *Valve Diagrams*:—Reuleaux, Zeuner, Bilgram and Oval.

23. ESTIMATING AND SPECIFICATIONS.

II Year Civil.

Text Book: Estimating—Roorkee Series.

Estimating:—a. Rules for taking out quantities in earth work, masonry, flooring, wood work, mouldings and steel work.

b. Calculation of probable quantities of materials required to be furnished for a small masonry structure.

c. Common rates and their analysis.

d. Detailed estimates of (i) a small building. (ii) a culvert (iii) a steel structure (iv) an R.C.C. structure (v) earthwork for a road.

Specifications:—Specifications of different kinds of stone and brick masonry, cement work and wood work.

24. Estimating and Specifications.

II Year Mechanical.

Text Book: Estimating for Mechanical Engineers by Bennett.

Recommended: Estimating by Hargrave.

General Principles.

Labour: *Systems and Methods*:—Simple rate fixing system. Capacity charts. Floor to floor times. Fixing rates on unprecedented work. Allowance for defective material, and defective labour. Payment of labour by day-work and piece work. Bonus system. Time and motion study.

Labour: *Machine Shop*:—Factors affecting feeds and speeds. Setting up allowance. Turning times. Choice of machines. Drilling, boring, planing, reamering and milling machines.

Labour in general:—For various processes in the factory.

Materials:—Test pieces. Allowance for cutting off, for machining, for waste ends for handling materials purchased outside. Estimation of total quantity of material required.

Establishment Charges:—On costs. The structure of establishment charges. Division of establishment charges. Graduated on costs. Machine rate method. Effect of overtime on the establishment charges. Drawing Office and Drafting costs.

Complete Estimate:—A simple estimating system. Checking the estimate. Comparative estimates.

General:—Analysis of actual cost, comparison of actual costs and estimates.

Specifications:—Of various materials required in the construction of machines.

25. ELECTRICAL ENGINEERING.

II Year Mechanical.

Text Book:—Electrical Technology by H. Cotton.

1. *C.G.S. and practical electric units*: Standards of current, electromotive force and resistance. Relation with mechanical units. Conversion of energy.

2. *Electro-Magnetism*:—Two fundamental law. Laplace's and Biot and Savart's laws. Their applications. Work done in moving a straight wire carrying current across a magnetic field. Maxwell's rule. Induced electromotive forces. Lenz's law.

3. *Theory of the magnetic circuit*:—Meaning of the term. Difference of magnetic potential. Magnetic analogue of Ohm's law. Source of magnetomotive force. The relation between the ampere turns and the magnetomotive force in the general case. Particular case of a toroidal coil. Measurement of magnetic

flux. The flux meter. Magnetic properties of materials other than air. Curves of flux density and ampere turns. Energy stored in a magnetic field. Energy loss represented by a hysteresis loop.

4. *Direct current measurement*:—Galvanometers. Use of a galvanometer as an ammeter or voltmeter. Moving coil voltmeter and ammeter. Standards of accuracy. Moving iron ammeters and voltmeters. Wattmeter. Deflection wattmeter. Supply meters. Watt hour meters. Standard of accuracy of supply meters. Resistance measurements. Ammeter voltmeter method. The megger. The bridge megger. Fault location.

5. *Self and mutual Induction*:—Nature of phenomena. Measure of magnitude of phenomena. The terms self and mutual induction. Units of inductance. Practical importance of inductance. The rise of a current in a circuit having self inductance. Energy stored up in an inductive circuit. Analogy of inductance with inertia.

6. *Direct Curent Generator*:—The field system. The armature. The Commutator. The brushes and brush arm. Modern forms of magnetic circuits. Multi polar machine. Magnetisation curve. Arrangement of winding on armature. Electro motive force in a winding. The current capacity of an armature. Resistance of armature. Energy conversion occuring in an amature. Different types of generators. Load curve of a separately excited generator. Series generator. Shunt generator. Self exciting property of a shunt generator. The effect of change of speed on a shunt generator. Losses in direct current generators. Simple lap and wave windings.

7. *Direct current motors*:—Principle of opera.
tion. Starting conditions Torque to overcome Wind.
friction and iron losses. Types of motors. The shunt
motor. Characteristics. Means of obtaining diffe-
rent speeds. Series motor characteristics. Speed of
series motors. Compound motors.

8. *Armature Reaction and Commutation*:—The
flux distrilbution on no load. Flux distribution due to
armature currents. Effects of lack of uniformity in
flux density. The origin of the tendency of D.C. ma-
chines to spark at the brushes and methods adopted to
prevent sparking. Reduction of the effective self in-
ductance of the coil.

9. *Auxiliary fittings to D.C. machines*:—Field
regulators. Construction and principles. Protective
resistance. Calculation of resistance steps for field
regulators. Motor starters. The no-voltage and
overload releases. Calculation of resistance for each
step of motor starter. Direct current generators in
parallel.

10. *D.C. Power Transmission Systems*:—Distri-
bution systems. D.C. two wire system. D.C. three
wire system. Means of maintaining division of vol-
tage in three wire D.C. systems. The economics of
power distribution. Kelvin's law.

III Year Mechanical.

1. *Alternating current*:—Preliminary. Intro-
ductory definitions. Sinusoidal wave forms. Mean
value of sinusoidally varying quantity. Addition and
subtraction of sinusoidal quantities of the same fre-
quency. Vector methods of dealing with alternating
quantities. Resistance and Inductance in alternat-

ing current circuits. Constant resistance and inductance in series. Problem of finding current when given applied voltage. The current voltage relationship in terms of root mean square values. Inductive circuits in parallel. Equivalent circuit. Reactors.

2. *Condensers in alternating current circuits*:— Pure capacity with sinusoidal applied voltage. Resistance in series with pure capacity carrying a sinusoidal alternating current. Sign convention for the angle. Equivalent capacity of any device taking leading current. Resistance, inductance in series with a pure capacity carrying a sinusoidal alternating current. Resistance and capacity in parallel. Inductance and condenser in parallel. Resonance.

3. *Power in alternating current circuits*: Polyphase system. Introductory definitions. Sinusoidal voltage and currents. Polyphase alternating current systems. Separate loading of the sources. Balanced load. Two phase three wrie system. Three phase four wire (star) system. Three phase three wire star. Relation between line current and load current with mesh and star connections.

4. *Alternating current measurement*:—Hot wire instruments. Advantages and disadvantages. Moving iron instruments in A.C. circuits. Dynamometer ammeter and voltmeter. Use of wattmeter in A.C. circuits. Errors in wattmeters due to self and mutual inductance and eddy currents. Measurement of power in two and three phase circuits. Instrument Transformers.

5. *Alternating current generators*:—Introductory.—Construction. Production of E.M.F. Losses and Regulation. Forces on armature winding on short

circuit, Voltage regulation. Parallel running of alternators. Effect of variation of excitation and driving power. Single phase and multi phase alternators.

6. *Transformers*:—Functions. Core. Windings. Insulation. Cooling of transformers. Theory of action. Magnetising and no load currents. Action on load Regulation. Equivalent circuit. Short circuit test. Losses and efficiency. Copper loss. Efficiency and ratio of copper losses to iron losses.

7. *Induction Motors*:—Construction. Theory and action. Production of a rotating magnetic field. E.M.F. and current in motor. Torque characteristic. Starting of induction motors. Speed control. Single phase induction motors. The circle diagram. (Elementary idea).

8. *Synchronous motor*:—Introduction. Principle of action. Uniform torque in a three phase machine. Effect of excitation . Hunting of synchronous motors. Starting of synchronous motors. Use sycchronous motor for P.F. improvement. Application of synchronous motors.

9. *Electrical power Transmission systems*:— A.C. transmission systems—Comparision with D.C. Effect of capacity and inductance in alternating current lines. Limitation of voltage in high power lines. Protective devices. The use of reactors.

Laboratory Work.

1. Testing of insulation by meggar and study of meggar. 2. Calibration of ammeter. 3. Calibration volt meter. 4. Testing of fuse wires. 5. Open circuit test of a separately excited dynamo. 6. Load test of a separately enacted dynamo. 7. Determination of variation

in speed of a D.C. shunt motor, with its excitation and other test on shunt motor. 8. To determine the magnetic flux leakage coefficient of a D.C. machine. 9. Study of induction motor and its different starters. 10. Non inductive load test of a transformer. 11. Determination of drop and hence regulation by methods of putting two equal transformers in opposition. 12. Open circuit test of an alternator. 13. Determination of angle of lags in A.C. circuit by 3 volts motors. 14. Measurement of power in A.C. circuit by 3 volts meters.

26. REINFORCED CEMENT CONCRETE.

III Year Civil.

Text Book:—R.C.C. Theory and Practice by Faber & Bowie.

Nature uses, properties, advantages and disadvantage of Reinforced Concrete over other types of construction. Assumptions made in theory of stress in R.C. beams.

Theory and Design of simple beams, T-Beams, and slabs for different conditions of loading.

Shear, bond and Diagonal tension, its nature, evaluation and location of reinforcement.

Design of doubly reinforced beams and continuous beams.

Theory and Design of R.C. columns and piles.

Design of slab foundations.

Design of simple cantilever and counterfort retaining walls.

Design of R.C. Arches by simple empirical rules.

DRAWING

Any three of the following plates duly completed and finished with complete reports :—

1. Drawing of a beam
2.   „   „ „ T-beam
3.   „   „ a slab
4.   „   „ „ column
5.   „   „ „ retaining wall
6.   „   „ „ Counterfort retaining wall
7.   „   „ „ Circular or rectangular water tank
8.   „   „ „ doubly reinforced beam
9.   „ beams, slabs etc., graphically representing L.C.C. regulations.

27. IRRIGATION AND WATER POWER.

III Year Civil.

Text Book:—Irrigation by Ellis.

1. *Introduction*:—Significance of irrigation. Brief resume of its development generally in the world and specially in India and Hyderabad.

2. *Types*:—Flow and lift irrigation. Perennial and inundation irrigation. Direct and tank irrigation.

3. *Estimate of dependable water supply for Irrigation and Power Development*:—Rainfall:—Catchment area. Standard Rainguage. Rainfall records. Mean rainfall. Deviation of short term records from the mean. *Run-off*:—Definition and factors affecting it. Run-off from daily rainfall with reference to saturation of catchment. Run-off from gaugings of

stream flow. *Yield*:—From monsoon rainfall. Strange's tables. *Dependable supply*:—Methods of estimating.

4. *Maximum Flood Discharge*:—Need in adequate provision of surplus works. Dependent upon size, shape, nature, slope and saturation of catchment. Estimate by formulae of Ryves, Dickens, Beale, Ali Nawaz Jung, Creager and Inglis. Estimate by observation of flood marks and calculation of velocity and cross section of stream.

5. *Water requirements for Irrigation in the commanded area*:—*Crops*:—their nature, seasons and water requirements and methods of expression. *Duty*:—definition, base and place of measurement. Values for important crops. Nature and extent of proposed irrigation in the commanded area. Water supply required on the field. *Losses*:—During transit in the canals. Evaporation and percolation in the tank. Total water requirements.

6. *Water requirements for Power Development*: Brief resume of water power resources and development in the world, India and Hyderbad. Compilation of projects for irrigation and water power. Water Power: basis and computation. Load curve and load factor of power plant. Estimate of capacity and annual output of plant and corresponding water supply requirements.

7. *Head Works*:—*a*. Diversion Works: components: anicut or weir, supply regulator, scouring sluice. Suitable sites. *b*. Storage Works: components: dam, surplus works and supply regulators. Suitable sites. Fixing capacity of reservoir.

8. *Earthen Dams*:—Types: Bunds with homogeneous material, with hearting and with core wall. Study of soils suitable for bunds. Causes of failure. Percolation and saturation gradients. Standard sections of earthen bunds.

9. *Masonry and Concrete Dams*:—Types: Non-overflow and overflow solid gravity and arch. Brief resume of the development in the design of masonry dams. Non-overflow type: low and high dams. General considerations of design with typical examples. Overflow type: design of ogee profile. Design. of energy dissipator at toe. Typical examples.

10. *Masonry Weirs*:—On hard foundations: Design with examples. On sand foundations: Bligh's theory of creep in sub-soil. New theory of Khosla. Design.

11. *Surplus Works*:—Weirs: free overfall, submerged, flush and syphon spillways. Design with examples. Automatic gates: principles of design with examples. Flood absorptive capacity of reservoirs and allowance for its effect.

12. *Sluices*:—Head Sluices: plugs, reservoirs gates and their design. Scouring Sluices: purpose and design.

13. *Irrigation Canals*:—Types of alignment: contour, bridge and side slope. Standard sections. Balancing depth. Permissible velocities Transit losses. Waterlogging. Lining. Falls. Bends. Regulators. Escapes. Bridges. Roads. Distributories and minors. Measuring devices :standing wave flume-meters, Ventruri flume meters, modules. Silt probelms. theories of Kennedy and lecey. Prevention of excessive deposition.

14. *Power Canals*:—Design with minimum loss of head. Lining. Capacity for peak load discharge. Forebay.

15. *Protective Works*:—Under overflow dams, weirs and canal falls. Aprons, steps, energy dissipators, water cushions, hydraulic jump, baffies, dentated sills.

16. *Cross Drainage Works*:—Inlets. Level crossings. Aqueducts. Superpassages Syphonague ducts, Syphons.

Design and Drawing:—Designing from given data and drawing of:—a profile etc. of an earthen bund, a tank surplus weir, a tank sluice, an irrigation canal, a cross drainage work.

28. WATER SUPPLY.

III Year Civil.

Text Book: Water Supply, Roorkee Series.

1. *Introduction*: Necessity of scheme, general lay out and the examination of sources of supply available.

2. *Estimating of quantity of water*:—Quantity of water required by community, average daily supply for drinking, drainage, gardening and sundry works.

3. *Sources of supply*:—Wells (in detail), rivers, lakes, springs, etc.

4. *Purification of water*:—Mineral impurities, organic impurities, settling tanks, filters, chlorination, clear water reservoirs.

5. *Distribution of Water*:—Intermittent and constant system, pipe fittings, house connections, mains, sluice valve, air valve, reflux valve and relief valve.

6. *Measurement of water and prevention of waste*: —Positive meters and Inferential meters. Venturi meter and recorder.

29. SANITARY ENGINEERING.

III Year Civil.

Text Book: Sewage and Drainage Works—Roorkee Series.

1. *Introduction*:—Preliminary requirement for the scheme and its working.

2. *Collection and disposal of Sewage*:—Comparison of new and old sewage collection and disposal system with their pros and cons.

3. *Drains*:—Alignment, slope, junction and cleaning.

4. *Sewers*:—Alignments, separation of sewers with drains, materials used, section of sewers, drops, manholes, ventilation, storm over flows, flushing tanks, gulleys.

5. *House connections*:—Water closets, baths, latrines, urinals, house drainage, grease traps, sinks and junctions with main sewers.

6. *Elevators*:—Shone's Ejetors, Adam's sewage lift, hydraulic system and automatic sewage lift.

7. *Public necessities*:—Public urinals, latrines, etc.

8. *Disposal works*:—Selection of site for disposal. Septic tanks, percolating filters, contact beds, activated sludge and chemical treatment.

30. ARCHITECTURE.

III Year Civil.

General principles of modern, classic, and Indo-Saracenic architecture of civic, religious and bussiness premises, theatres, museums, colleges and universities and other public buildings.

31. TOWN PLANNING.

Town Planning. –General principles of town planning. Suitability of an area. Boundries Adoption of design to natural features. Allocation of area for several classes of buildings, park and open space. Advantages and disadvantages of private open spaces. Improvement of existing conditions of cities. Design and construction of streets, side walks and kerbs, markets, parks, cemeteries, and shade trees. Ornamenting and beautifying of towns.

32. ROADS.

III Year Civil.

Text Books: Roads—Roorkee Series.

General principles. Gradients and curves. Metalled roads. Surveying and Estimating. Hill Roads. Construction. Maintenance. Earth Roads. Dust prevention and modern roads.

DESIGN AND DRAWING.

Alignment on the index map. Survey plan. longitudinal section and cross section of a short road section.

33. Railway Engineering.
III Year Civil.

Text Book: Railway, Roorkee Series.

1. *a.* History of the Railways and the evolution of Permanent-Way. *b.* Various kinds of Permanent-Way and their constructional details. Coning of the wheels and tilting of the rails. *c.* The requirements of a good track. *d.* The three different types of rails and their design. Fish plates and joints. The requirements of a good sleeper. *e.* Various types of sleepers. Their merits and demerits. Ballast, and its functions. *f.* The question of the Gauge. Different track gauges of the world. Standard crossing-sections of the broad and metre gauges. *g.* Level crossings, fencing, mile and gradient posts.

2. *a.* Points and Crossings (Practice). *b.* Facing and trailing points. Diamond crossings. Constructional details of points and crossings. *c.* Points and Crossings (Theory). The First and the Second Method of turn-outs. *d.* To find the curve lead and radius of crossing by the First Method. *e.* To find the curve lead, switch lead and crossing lead and radius of crossing by the Second Method. *f.* Turn-outs from Curved track. To find curve lead and switch lead in cases of curves of contrary and similar flexures. g. Turn-outs and cross-overs. To find the distance between the noses of the crossings. *h.* To determine the crossing in terms of the radii and gauge in cases of turn-outs from straight and curved tracks. i. Lay-out of station yards. Platforms. *j.* Standard dimensions. *k.* Organisation for the maintenance of the track. *l.* Tools and methods of maintenance. *m.* Defects usually found in the Permanent-Way and how they are removed. Reballasting. Creep. *n.* Watering arrangements. Tanks

and Water Columns. Necessary hydraulic calculations to determine the head.

Curves. Theory and practice of points and crossings. Station Yards. Level crossings, fencing and gradient posts. Train watering arrangements and the necessary hydraulic calculation. Signalling and Interlocking. Standard Dimensions. Tractive Power.

34. BRIDGES.

III Year Civil.

Text Book: Bridges—Roorkee Series.

Culverts and bridges. Site waterway and design. Foundations, piers and abutments. Arched bridges. Design and drawing a complete design with drawings of a major bridge of stone masonery.

35. PROJECT (*Civil Engineering*).
III Year Civil.

1. The project to be prepared by the Civil Engineering students will be specified from among the following types of work:—

    a. Irrigation

    b. Roads and Bridges

    c. Water Supply

    d. Drainage

    e. Railways

    f. Town Planning

2. All the Survey work for the Project may be carried out fully by each party or it may be divided into sections and each party entrusted with one section as circumstances may require. In the later case the data collected by each party would be made available to the members of the other parties.

3. Each B.E. I Year student will be required to prepare drawings from the survey data. This work will be examined as part of the paper on "Surveying: Field work and Drawing" in the B.E. I Examination.

4. Each II Year student will be required to prepare drawings from the survey data. This work will be examined as part of the paper on Surveying: Field Work and Drawing of the B.E. II Examination.

5. Each III Year student will be required to prepare drawings from the survey data and design and prepare a project which will include

a. an index map showing the whole project

b. a clear concise report with cross references to all drawings.

c. a dimensioned plan which can be checked with ease.

d. drawings from which the work and working drawings can be produced and from which an estimate can be prepared.

e. an estimate of quantities, rates and cost of the various items of works.

f. an abstract of the cost of the various items showing the total cost of the project.

g. a note on the labour and materials required for the work. This work will be examined as the paper on "Project" of the B.E. Civil Final Examination.

36. PROJECT (*Mechanical Engineering*).

III Year Mechanical

1. The project to be prepared by the Mechanical Students will be specified from among the following types of machines.—

a. Boiler

b. Steam Engine

c. Steam Locomotive

d. Steam Roller

e. Steam Turbine

f. Internal Cumbustion Engine.

2. All the Second and Third Year Mechanical students will together dismantle the selected machine and each will make dimensioned sketches of all its parts.

3. Each Second Year student will prepare detailed drawings to scale from the sketches, the work will be examined as part of the paper on Engineering Design and Drawing of the B.E. (Mechanical) II Examination.

4. The Third Year Mechanical Students will prepare a complete design and drawings for some other specified performances for the type of machine selected for the project and work out quantities and draw up a schedule of specifications for the materials of the various kinds required for the manufacture of the machine. This work will be examined as the paper on "Project" of the B.E. (Mechanical Final Examination).

37. AERONAUTICS.

III Year Mechanical.

Text Book:—Aircraft Design Vols. I & II by Lattimer & Needham.

Air flow and stream lines. Aero foils. Attainment of lift. Forces in steady flight. Stability. Manoeuvres

and dynamic loads. Air screw. Performanc
neral lay·out. Air Craft materials. Wing sti
loads. Wing design. Power unit.

38. HYDRAULIC MACHINERY.

III Year Mechanical.

Text Book:—Hydraulic by Lea.

Reference Book:—Hydraulics by Lewitt.

Hydraulic Power Generation:—Impact of
on vanes, straight and curved, with directions (
tion of jet and vane parellel and inclined.
done on a series of vanes on a wheel. Ship p
sion by jets.

Water turbines:—Theory of reaction tui
Axial, radial and mixed flow turbines. Fourne
Francis and Kaplan types. Draft Tubes. The
impulse turbines. Pelton wheel. Specific s
and characteristic curves of turbines. Eleme
theory of similarity applied to turbines. Speed
lation and governing. Pressure regulation.
nary and differential surge tanks. Closed stand
Water hammer.

Hydraulic Pumps:—T h e o r y of centri
pumps. Single and multi-stage. Worthington
duty pump. Theory of reciprocating pumps. I
pump and Injector hydrant. Specific speeds and
feed pump. Humphrey gas pump. Air lift p
Hydraulic ram. Hydraulic air compressor.
pump and Injector hydrant. Specific speeds and
racteristics curves for pumps.

Hydraulic accumulator and intensifier. Hydraulic engines. Hydraulic valves. Joints and packings used in hydraulic work.

LABORATORY WORK.

III Year Mechanical.

Testing of Pelton wheel, Francis turbine, centrifugal pump, reciprocating pump, hydraulic ram etc. for efficiency and characteristics.

39. ECONOMICS.

III Year Civil and Mechanical

Text Book: Engineering Economics by T. H. Burnhall.

The data of political economy and methods by which they are studied. Relation of economic science to practice. The meaning of economic law. Demand and supply. Law of diminishing utility. Factors in production and their combination. Labour and natural agents. Increasing and decreasing returns. Capital, its influence and conditions of its accumulation. Value in relation to riches. Price, utility, and cost of production. Determinants of ratios of exchange. Element of cost. Complex problems of value. The theory of international and internal trade and its relation to home trade. The law of rent. Interest and profits. Theory of the value of money. The value of foreign bills.

40. BUSINESS ORGANISATION AND WORKS MANAGEMENT.

II Year Civil and Mechanical.

Types of Organisation. Organisation charts. L⟨ lization of industry. Horizontal and vertical con nation. Trusts, combines and joint stock compan Company floatation.

Scientific methods in management. Layout works and choice of site. Purchasing and stock ⟨ trol. Production control. Determination of eco mic batch sizes. Storage. Stock-taking. Sup and distribution of small tools. Transport in Fact⟨ Use of charts. Elementary knowledge of of management.

Selection of workers. Intelligence tests. Ind trial legislation as affecting engineering industry.

Specifications for inviting tenders, informat to be given to tenderers on preliminary enquiry, ⟨ on placing orders. Contracts for supply, erecti guarantees and acceptance.

Model forms of specifications for machine such as:—

Steam boiler, engine and turbine. Condensi plant and accessories. Gas, petrol and oil engin Water turbines and centrifugal pumps. Compresso

41. PRACTICAL TRAINING.

IV Year Civil.

1. The students are to be attached to the followi types of work:—

    a. Sub Divisional Officer's Office

    b. Divisional Engineer's Office

    c. Irrigation Works

    d. Road and Bridge Works (Mason, R.C.C. and Iron)

    e. Drainage and Sewage disposal Works

    f. Water Supply Works

    g. Building works including their electric, water supply and sanitary installations

    h. Railways

2. The students must study the methods of

    a. Office routine, correspondence and accounting

    b. Routine of obtaining sanction for works

    c. Construction and maintenance of works

    d. Measurement and making payment for works

3. Regarding office routine and accounting, the students must study

    a. The circular orders governing the conduct of business in the office

    b. The circular orders giving departmental instructions regarding professional design and construction of works

    c. Organisation of the staff and their duties

4. Regarding obtaining sanction for works, the students must study.

    a. The data required for preparing estimates ports

    c. The schedule of rates of the principle items of works.

d. The form and data of reports and estimates

e. Heads and Sub-heads of provision to be ma
in the estimates

5. Regarding construction and maintenance of woı
the students must study

a. Methods of quarrying matterials. 1. Task, da
and wages of labour ii. Methods of transpc
of materials and earth, capacity of conveya
ces, and their cost.

b. Tasks of different kinds of labour or gangs eı
ployed on contruction of works and mainl
nance of roads and their wages.

c. Rates of various materials required in constrı
tion of various types of works

d. Preparation of materials for construction

e. Marking out works and preparing working pla

f. Methods of shoring and scaffolding and preca
tions to be taken during construction for t
safety of labour and work

g. Details of method of assembling materials f
the component parts of structures.

6. Regarding payment for work, the students mı
study.

a. Form and procedure of calling for tenders aı
letting out works on contract.

b. The form of contract agreement bond and i
important clauses

c. The form of measurement book and the rules fı

d. Methods of measuring different items of work

e. The form of contract certificates and the pr
paration of the same from the measureme:
book.

42. PRACTICAL TRAINING.

IV Year (Mechanical).

1. The students will be attached to the following works to study details of the various machines in use, their setting and operation:
   a. Railway Workship
   b. Azamjahi Mills
   c. A Power Station
   d. Administrative Office

2. When attached to the Railway Workshop the students must study:
   a. In the Machine shop: i. Lathe ii. Drilling Machine iii. Shearing Machine iv. Milling Machine v. Shaping Machine vi. Slotting Machine vii. Tasks and cost of operations and method of recording them.
   b. In the Erection Shop: i. Lifting Gear ii. Cranes iii. Revitting Machines iv. Tasks and cost of operations and method of recording them.
   c. In the Fitting Shop: i. Marking out ii. Filing iii. Chipping iv. Tasks and cost of operations and method of recording them.
   d. In the Smithy: i. General arrangement of smithy ii. Stack and open fire iii. Supply blast iv. Forging v. Welding vi. Tasks and cost of operations and method of rcording them.

3. When attached to the Azamjahi Mills the students must study:
   a. In the Mechanical Department: i. Turbine ii. Boiler iii. Water System iv. Candy Fil-

ters v. Pumps and Wells etc. vi. Tesks a cost of operations and method of recordi them.

b. In the Electrical Department: i. Generat Motor ii. Transformers and Switch Boa iii. Tasks and cost of operations and meth

c. In the Mill Department: i. Blow Room a Cards ii. Split Frames and Spins iii. Wii ing iv. Warping v. Sizing vi. Weaving v Wear-housing viii. Dyeing and Bleachi ix. Tasks and cost of operations and meth of recording them.

4. When attached to a District Power Station t students must study:

a. In the Mechanical Department: i. Diesel I gine ii. Cooling system iii. Pumps iv. Ta and cost of operations and method of reco1 ing them.

b. In the Electrical Department: i. General ii. Motor iii. Transformer iv. Switch G(v. Meters vi. Bus-bars vii. High and l tension mains viii. Sub-stations ix. Ta and cost of operations and method of reco: ing them.

5. When attached to an Administrative Office students must study:

a. Office routine: i. Receiving letters ii. Inwa and Outward Diary iii. Recording iv. (obtaining orders.

b. Correspondence: i. Current forms ii. Dra ing Notes iii. Drafting Letters iv. Filing

c. Accounting: i. Receiving cash ii. Rou cash book iii. Imprest cash book iv. C book v. Compiling accounts.

 d. Methods of obtaining sanction to works: i. Standing orders (Circulars) ii. Schedule of rates iii. Estimating iv. Preparing reports.

6. When attached to Hyderabad Electricity Department the students must study the

a. Engine Room	.. ..	3 days
b. Switch Board	.. ..	2 days
c. Boiler House	.. ..	2 days
d. Meter Testing	.. ..	2 days
e. Winding Shop	.. ..	2 days
f. Electrical Testing	.. ..	3 days
g. Overhead Lines	.. ..	3 days
h. Underground Cables ..	..	2 days
i. Sub-stations	.. ..	2 days
j. Departmental Office & Accounts form	.. .. ..	3 days

'

Diploma in Education.

1. Candidates for the Diploma in Education must be graduates in Arts or Science of the Osmania University or of any other University recognised by it.

2. The course of study and training for the Diploma in Education shall extend over one academic year of three terms with the necessary attendance of 75 per cent. at the Osmania Training College of the University at Hyderabad Deccan.

3. The examination shall be a written examination conducted by means of printed papers. Besides the written examination there will be a practical examination in the teaching of one of the two subjects selected under section IV to test the candidates' skill in teaching. In determining the standard due regard will be paid to the college record in practical lessons.

Every candidate shall be required to give at least one lesson in the presence of a Board of two Examiners—one internal and one external.

4. The course will consist of lectures, select readings and discussions in conference, besides practice in the handling of classes and the giving of instruction followed by discussions.

Every candidate will be required to give not less than 20 lessons under supervision during the year.

5. Candidates shall be required to undergo a course of instruction and be examined in:—

   (i) Principles of Education and Psychology.

     (a) Principles of Education.

     (b) Elementary Educational Psychology.

   (ii) School Management and Hygiene.

  (iii) History of Educational Ideas and select Classics in Education.

  (vi) Methods of Teaching of any two of the following subjects:—

     Physical or Biological Sciences, History, Geography, Mathematics, English, Urdu, Marathi, Kanarese, Telugu and Indian Classical Languages.

N.B.—Grouping of subjects and their teaching are conditional on the provision at the College.

   (v) Special Subjects—One of the following:—

     (a) Modern Educational Systems and Problems.

     (b) Advanced Educational Psychology.

     (c) Child Education.

Instruction will also be imparted in the following additional subjects, but no examination will be held therein:—

     (a) Blackboard Illustration.

     (b) Manual Training and Hand work, or Nature Study and Gardening.

(c) Physical Training.

The allotment of marks shall be as follows:—

(i) Principles of Education and Psychology—
100 marks of which 50 marks shall be assigned to Principles and 50 to Elementary Educational Phychology.

(ii) School Management and Hygiene—100 marks of which 30 marks shall be assigned to school Hygiene.

(iii) History of Educational Ideas and select Classics in Education—100 marks of which 30 marks shall be assigned to Classics.

(iv) Methods of Teaching—100 marks of which 25 marks shall be assigned to each of the two subjects.

(v) Special subjects—100 marks of which 25 marks shall be assigned to the College record.

All papers shall be of 3 hours' duration each.

(iv) Practical Examination—200 marks of which 100 marks shall be assigned to the College record.

Candidates who obtain not less than 30 per cent. of the marks in papers 1 to 5, and 33 per cent. in the aggregate of the written examination, and 35 per cent. in the practical examination shall be declared to be eligible to receive the Diploma in Education. All other candidates shall be deemed to have failed. Of the successful candidates those who obtain not less than 60 per cent. of the total marks shall be placed in the First Division, and those who obtain not less than

45 per cent. of the total marks shall be placed in the Second Division. The remaining successful candidates shall be considered to have passed in the Third Division. Successful candidates who obtain not less than 65 per cent. of the marks in the paper relating to the methods of Teaching (iv) shall be declared to have obtained distinction in that subject. In practical examination candidates who obtain 50 per cent. of the marks shall be placed in the Second Division and those who secure 65 per cent. shall be placed in the First Division.

Principles of Education & Elementary Educational Psychology.

(a) Ideas and Aims in Education. The Elemental Educational Values. The question of Formal Training. Principles of the Curriculum. Correlation in Teaching. The Logical and Psychological order of Studies.

Factors and Methods in the training of Thought.

Definition and Language in Education.

(b) Psychology and its relation to Education. Nervous System and its functions. Heredity and Environment. Instincts. Sensation, Perception, Imagination, Memory, Conception, Reasoning, Emotions. Volition. Habit formation.

Attention. Interest. Fatigue.

Play. Imitation and Suggestion.

Laws of Learning.

Formation of Character.

Books Recommended.

Betts.—Mind and its Education. (Appleton).

Gates.—Psychology for Students of Education. (Macmillan).

Ruediger.—The Principles of Education. (Harrap).

Klapper.—Contemporary Education. (Appleton).

Nunn T. P.—Education—Its Data and First Principles. (Arnold).

Dewey.—How We Think. (Heath & Co.).

Dewey.—School and Society. (Chicago N. P.).

School Management and Hygiene.

SCHOOL MANAGEMENT.

Types of Schools.

Classification of Pupils.

Head Master and Staff. Distribution of work. Time-tables. Home-work. Examinations. Records. Hostels.

Order and Discipline.

Extra-curricular activities.

Parental Co-operation.

Books Recommended.

Bray.—School Organisation. (Tutorial Press).

Wren.—Indian School Organisation. (Longmans).

West.—Indian School Management and Inspection. (K. & J. Cooper).

HYGIENE.

Broad Outlines of Anatomy and Physiology.
Medical Inspection.
Defects and Diseases.
Infectious Diseases.
Conditions of healthy physical life.
Hygienic conditions of the school.
First aid in minor injuries and ailments.

Books Recommended.

Kerr.—Schools Hygiene. (Allen & Co.).

Ross.—Hygiene for Indian Schools.

Drummond.—School Hygiene. (E. Arnold & Co.)

Lyster.—Hygiene of the school (Tutorial Press).

Shaw.—School Hygiene. (Macmillan).

Margaret Avery.—Test Book of Hygiene for Training Colleges. (Methuen) (Translated).

History of Educational Ideas and Select Classics in Education.

A period will be prescribed from time to time along with a set book or two. There will further be prescribed a book or two under Educational Classics.

The scope of the work is indicated in the books mentioned below:—

Monroe.—A Text Book in the History of Education. (Macmillan).

Boyd.—History of Western Education. (Black).

Adamson.—A Short History of Education. (C. U. Press).

Graves.—Great Educators of Three Centuries. (Macmillan).

Graves.—A Student's History of Education. (Macmillan).

Quick.—Educational Reformers. (Longmans).

Educational Classics.

Rousseau.—Emile. (Dutton & Co.).

Plato.—Republic. (Camb U. P.).

Locke.—On Education. (Macmillan).

Spencer.—Education.· (Watts & Co.).

Dewey.—Democracy and Education. (Macmillan).

Methods of Teaching.

A. General. Technique in Teaching: Deductive and Inductive Development lessons, Narration, Description, Explanation, Observation, Expression. Exposition and Illustration, Questioning and Discussion.

B. In teaching the special subjects the following points will be dealt with:—

Aims and Values of the subject.

Content and its organisation.

Various methods of teaching the subject.

Schemes and Notes of lessons.

Correlation with other subjects.

Books Recommended.

PHYSICAL SCIENCE.

Brown.—Teaching Science. (London University).

Westaway.—Science Teaching. (Blackie & Son).

Smith and Hall.—Teaching of Chemistry and Physics. (Longmans).

BIOLOGICAL SCIENCE.

To be prescribed later.

HISTORY.

Klapper.—Teaching of History. (Appleton),

Johnson.—Teaching of History. (Macmillan).

Jarvis.—Teaching of History. (C. U. Press).

Keatings.—Studies in the Teaching of History (Black).

Findlay.—History and Its Place in Education. (University of London Press).

Allan.—Place of History in Education. (Blackwoods).

GEOGRAPHY.

F. L. Holtz.—The Principles and Methods of Teaching Geography. (F. L. Holtz, A.M.).

Wallis. B. C.—*The Teaching of Geography.* (Cambridge University Press).

Fairgreive. J.—Geography in School. (London University Press).

Tamaskar.—The Principles and Methods of Teaching Geography. (Jubbulpore Press).

Weipton., W. P.—The Teaching of Geography. (University Tutorial Press).

Fairgrieve., J.—Class-book of Practical Geography. (G. Philips).

Steers.—Maps and Map-making.

Wallis., B. C.—Essentials of Practical Geography. (Macmillan & Co.). (Translated).

MATHEMATICS.

Monteith.—Arithematic Teaching in the Infant Junior Schools. (Harrap.).

Young.—Teaching of Mathematics. (Longman's Green & Co.).

Schultz.—The Teaching of Mathematics in the Secondary Schools. (Macmillan Company).

ENGLISH.

Mackenzie.—Instruction in Indian Secondary Schools. (Oxford University Press).

Jesperson.—How to teach a Foreign Language. (Allen.).

Findly.—Modern Language Learning. (Gregg.)

Batcheldor.—Notes on the Teaching of English. (Macmillan).

Roberts and Barter.—The Teaching of English. (Blackie.)

Carpenter.—The Teaching of English. (Longmans.)

Ida Ward.—The Phonetics of English. (Heffer.)

Kitson.—Theory and Practice of Modern Language. (O.U.P.)

VERNACULARS AND CLASSICAL LANGUAGES.

Urdu, Marathi, Telugu, Canarese, and Indian Classical Languages.

طریقہ تعلیم اردو

۱— تمہید ۔ زبان کی نوعیت اور تعبیرین ۔ زبان و ادب ۔

۲— زبان کی تدریس کے وجوہ ۔ مادری زبان ۔ السنہ قدیم و جدید، غیر زبانیں ۔ ان زبانوں کی تعلیم کی اہمیت اور مقاصد ۔

اردو بحیثیت مادری زبان ۔ تعلیم کے مقاصد ۔ افادی اور کلچری قدر و قیمت ۔ مدارس میں اردو کی جگہ ۔ اس کے وجوہ ۔

اردو بحیثیت دریعہ تعلیم ۔

۱ ۔ ارد و بحیثیت زبان زاید ۔ اردو بحیثیت زبان غیر ۔
مقاصد و معیار ۔

۲ ۔ روزگارانہ مدارس میں
اردو کی تعلیم ۔ اغراض
و معیار ۔

۳ ۔ غریبوں کے محلہ میں
ارد و کی تعلیم ۔

۴ ۔ مدارس بالغان میں اردو
کی تعلیم ۔

۳ ۔ تدریسی طریقے ۔ عام بحث ۔ تدریس کی حکمت عملیاں ۔
ہر بار ئی طریقہ ۔
پانچ اقدام ۔

۴ ۔ زبان کی تدریس کا آغاز ۔ تقریر کا تقدم ۔ وجوہ ۔ گفتگو کی
تربیت ۔

مکالمے ۔ موضوع ۔ ما نوس اشیاء ۔ اشخاص اور افعال ۔
تصاویر کے متعلق گفتگو ۔ تصویر کے فائدے اور حد
بندیاں ۔
قصہ گوئی ۔

مہمل نظمیں ۔ (بچوں کے گیت)
تمثیل ۔

۵— عبارت خوانی ــ کب سے آغاز ہونا چاہئے ۔ ڈیوی اور جیکوبی
کی رائے، قول فیصل ۔ حرف شناسی کے طریقے ۔
درسی کتاب ۔ ریڈر یا مسلسل کتاب (قصوں کی کتاب)
درسی کتاب کے اوصاف ۔ درسی کتاب مرکز تدریس۔
معلمین کی رائے ۔ عبارت خوانی کی نفسیات مقاصد
اور قسمیں ۔ میکانی اورکلچری نظریہ ۔ بلند خوانی اور
خاموش خوانی ۔
بلند خوانی کی صورتیں ۔ انفرادی اور اجتماعی عبارت
خوانی ۔ دونوں صورتوں کے فواید اور نقصانات ۔
خوش خوانی ۔ اس کی اہمیت اور اوصاف ۔
تلفظ ۔ اخراج و اعراب
تفصیل
روانی
تاکید و تغیر لحن
فقرہ بندی اور معنی خیزی ۔
ججے کی تعلیم۔ اس کی مشکلات اور تدریس کے طریقے
توسیع لغات ۔ فرہنگ کا استعمال الفاظ اور فقروں کی
بیاض ۔
معنی و مطالب ۔ تفہیم معانی کے چار بنیادی اصول
(۱) ایتلان مادی (۲) ترجمہ لفظی (۳) تعریف کے
ذریعے (۴) حوالہ متن ۔
استحسان ادب ۔ حفظ کرنا ۔
خاموش خوانی ۔ اس کی اہمیت ۔ خاموش خوانی کی
تربیت۔ غائر اور وسیع مطالعہ میں خاموش خوانی کی

جگہ ۔ سرسری مطالعہ کی کتاب ۔ مدارج ثا نویہ میں
ادب کی تدریس ۔ اس منزل کا عام مدعا۔ اس کی
خصوصیتیں اور ضرورتیں ۔ درسی کتاب ۔ ریڈر ۔
غائر مطالعہ سرسری مطالعہ کی کتاب وسیع مطالعہ۔
۱ ۔ نثر ۔ قسمیں ۔ ہر قسم کی تدریس کے طریقے ۔
۲ ۔ نظم کی تدریس
۳ ۔ ناول کی تدریس
۴۔ ڈراموں اور خیالی مکالموں کی تدریس

٦ ۔ قواعد ۔ قواعد کی تدریس کا مسئلہ' اس کے مقاصد اور طریقہ
تعلیم۔ زبان کا سبق قواعد کا بدل ۔ زبان کے سبق کا
طریقہ ۔ صوری قواعد کا آغاز کب اور کس طرح
ہونا چاہئے ۔ قواعد کی تقسیم اور اصطلاحات قواعد
کا تعلق عبارت خوانی اور انشاء سے۔ طریقہ تعلیم کے
خاص خاص اصول ۔ طریقہ استقرائی ۔ قواعد کی درسی
کتاب کا استعمال ۔ قواعد کی تعلیم کا خاکہ (اسکیم)

٧ ۔ خطاطی ۔ خطاطی کی اہمیت ۔ خط کی قسمیں ۔ نسخ ۔ نستعلیق ۔
شکست وغیرہ لکھنے کا میکانی عمل ۔ ڈرائنگ۔تختہسیاہ
کا استعمال ۔ ابتدائی جماعتوں کے کام کا مختصر خاکہ ۔
نختے۔ تختیاں ۔ وصلیاں ۔ خوشخطی کی کاپیاں ۔ نقل نویسی۔
ہجے ۔ ا ملا ۔ اوقاف ۔ ان کی اہمیت ۔ بیاضات اور انشاء
کی مشقوں میں خوشخطی کی طرف توجہ ۔

٨ ۔ انشاء ۔ ابتدائی منزل میں تقریری اور تحریری انشاء۔ انشاء کی
ناکامی اور اس کے اسباب ۔ زبانی کام کی ضرورت
اور اس کی قدر و قیمت ۔ ابتدا میں جملے پھر پیرا ۔

پھر مضمون۔ انشاء کا ارتباط دوسرے مضامین سے ۔
انشاء کی تقسیم ۔

(۱) تحریفی (۲) استحضاری (۳) تقلیدی (۴) تخلیقی
مدرسہ میں انشاء کی صورتیں ۔

بیان ۔ تذکرہ ۔ خطوط ۔ خانگی ۔ تجارتی سرکاری ۔
ترجمہ ۔ باز نویسی اور خلاصہ ۔ تشریح و اختصار
تصریح زبانی ۔ تصویری موجب نگاری ۔ مضمون نگاری ۔
اس کے تمھیدی اور استحضاری اعمال ۔ استحضار اور
استدلال ۔ ہر ایك کی خصوصیات ۔ ماڈل نویسی ۔
تحریری مشقوں کی تصحیح اور نمبر اندازی ۔

۹۔ مدارس میں اردو کی مروجہ تعلیم ۔ اردو سے غفلت ۔ توجہ
کی ضرورت ۔ نظام الاوقات ۔ اردو کے گھنٹے ۔ نصاب
اردو۔ اس کی کوتاہیاں ۔ ذوق مطالعہ کی ناپیدی ۔ سرسری
مطالعہ (کی طرف) سے ے توجھی ۔ کتب خانہ مدرسہ
میں اردو ادب کی کمی ۔ تاریخ ادب سے نا واقفیت ۔
تعلیم انشاء کی ناموزونیت ۔ کرہ جماعت ۔ ضروری آلات
تعلیمی کا فقدان ۔ ادبی فضا کی معدومی ۔

معلم اردو۔ قابلیت ۔ ذوق ۔ شخصیت اور مطمح نظر ۔
تدریس کی اسکیمیں ۔ اسباق کے اشارات ۔
طلبہ کی بیاضات ۔
تقریری مقابلے ۔
مدرسہ کی انجمنیں ۔ مدرسہ کا کتب خانہ ۔ بزم تمثیل ۔
انجمن مناظرہ ۔ مدرسہ کا رسالہ یا اخبار ۔ بزم ادب ۔
مشاعرہ ۔

Books prescribed.

1. *Carpenter & Scott* :—Teaching of English in Elementary and Secondary Schools (Longmans).

2. *Robert & Barter* :—Teaching of English (Blackie).

3. *Wilson.*—Lingua Maternia (Arnold).

4. *Chubb.*—Teaching of English (Macmillan).

5. *Klapper.*—Teaching of English (Appleton).

6. *West M.*—Language in Education (Longmans).

7. *Ryburn R. W.*—Suggestions for the teaching of the Mother Tongue in India.

8. *Fakhrul Hassan, Mulla.*—Tariqa-e-Talim Urdu. (In preparation).

The Syllabus for Urdu and the books prescribed for it indicate the ground to be covered in other languages.

Modern Educational Systems and Problems.

A comparative study of the modern educational systems of the leading countries of the world. Indian Education shall form the centre of the study, and along with this the systems of two or three leading countries shall be prescribed from time to time. The following will be the lines of study :—

Introductory—dealing with the historical aspects and general features of the system.

Administrative control of Education.

Elementary Education. Secondary Education. Higher Education. Industrial and Technical Education. Professional Education, relating chiefly to the training of teachers.

Education of Women.

Conclusion and Outlook.

Books Recommended.

Sandiford. P.——Comparative Education (Dent.).

Monroe. P.—Articles in the Cyclopedia of Education. (Macmillan).

Ziauddin. Dr.—Systems of Education. Longmans).

Hearnshaw. F. C. J.—Educational Advancement Abroad. (Harrap).

Newton. A. P.—Universities of the Empire. (Collins and Sons).

Roman. F. W.—The New Education in Europe. (Routledge).

Thwing. C. F.—Universities of the World. (Macmillan).

Meyhew.—Education of India. (Macmillan).

ADVANCED EDUCATIONAL PSYCHOLOGY.

Psychology of Individual Differences.
Mental Testing.
Psychology of Learning.

Psychology of the fundamental school subjects.

Statistics in Education.

Books Recommended.

Ellis.—Psychology of Individual Differences. (Appleton) pp. 74 to 128.

Spearmen.—Abilities of Man. (Macmillan).

Terman.—Measurement of Intelligence. (Harrap).

Psychological Tests of Educable Capacity (Board of Education).

Report of Consultative Committee. (Board of Education).

Sandiford.—Educational Ssychology. (Longmans).

Fox.—Educational Psychology. (Kegan Paul).

Starch.—Educational Psychology. (Macmillan).

Statistical Methods in Education. (Houghten Mifflin).

Holzinger.—Statistical Methods in Education. (Ginn).

Freeman.—Experimental Education. (Harrap).

Valentine.—Experimental Psychology and Education. (Tutorial Press). (Paul).

CHILD EDUCATION.

Nature, Scope and Methods of Child Study.

History of Child Education with special reference to Rousseau, Pestalozzi, Froebel and Montessorie.

Observation and study of children. Study of exceptional children and the methods of dealing with them. Intelligence Tests.

The stages of child development.

Play—Theories of play and play methods. Importance of play in the development of the child. Free and organised play.

The Child under 5 and how to deal with him.

Fatigue.—Mental and Physical.

The Child above 5 and how to deal with him.

Books Recommended.

Kirkpatrick.—Fundamentals of Child Study. (Macmillan).

Plaisted.—The Early Education of Children. (Oxford University Press).

Waddle.—Introduction to child Psychology. **(Harrap)**

Terman. L. M.—The Intelligence of School Children. (Harrap).

Drummond.—The Child. His Nature and Nature. (Berford Lond.).

Picket and Boren.—Early childhood Education. (Harrap).

L.

M. Ed. EXAMINATION.

Master of Education.

1. A course for the degree of Master of Education shall extend over one academic year of three terms with the necessary attendance of 75 per cent. at the Osmania Training College, Hyderabad Deccan. Only 1st and 2nd class B.T.'s and Dip-in-Ed's of the Osmania University or of any other University recognised by it shall be eligible for admission to the course.

2. The course of study shall consist of:—

    i. Theory of Education.

    ii. Methodology of one of the following:—

        English, Mathematics, Sciences, History and Civics, Geography, Urdu, Vernaculars, Classical languages.

    iii. Special Subject—one of the following:—

        (*a*) Educational Psychology with tests and Measurements (*b*) History of Educational Ideas (*c*) Early Education of children.

3. *Dissertation.*

A dissertation on any educational topic, selected by the candidate and approved by the college authorities. The candidate will be attached to a member of the staff under whose direction he will carry out his work of an independent or critical nature.

The dissertation will comply with the following conditions:—

1. It must be satisfactory in respect of literary presentation as well as in other respects.

2. It must be of a reasonable length and submitted a month before the date fixed for the Final Examination in a form suitable for publication. A copy of the dissertation, if accepted, will be deposited in the College Library.

4. The examination shall consist of two parts, namely:—

Part I.—A written examination consisting of the

following papers:—

	hours	marks.
i. Theory of Education ..	3	100
i. Methodology of one subject..	3	100
iii. Special subject.		
a. Educational Psychology with tests and measurements ..	3	100
b. History of Educational Ideas ..	3	100
c. Early Education of Children ..	3	100
Part II.—The dissertation.		200

The dissertation will be examined by a Board of Examiners consisting of at least two examiners, one

of whom must be the supervisor of the candidate. The candidate may be subjected to a *viva voce* examination on the dissertation. The examiners shall be at liberty to reject a dissertation without *viva voce* examination.

5. Candidates who obtain not less than 35 per cent. marks in each of the papers, and 37 per cent. marks in the dissertation and 37 per cent. in the aggregate shall be declared to be eligible to receive the degree of Master of Education.

Names of successful candidates shall be arranged in three classes as under:—

> 60 per cent. out of the total marks   I Class
> 50 per cent. out of the total marks II Class
> 37 per cent. out of the total marks III Class

Successful candidates who obtain not less than 65 per cent. marks in the dissertation shall be declared to have attained distinction in that subject.

6. Candidates who fail in one part, will be allowed to complete the other, without attending the college, provided they do so within three years of leaving the college.

7. The following is the scale of fees.

Examination Fee. Both parts Rs. 50|- part I Rs. 30|- part II Rs. 30|- Tuition Fee Rs. 100|-.

THEORY OF EDUCATION.

(a) *Philosophy.*

The function of education in, the biological record. Aims and conceptions of education.

Factors of education and the function of the School.

The problem of the curriculum; Formal discip-
line and the transfer of training; the logical and psy-
chological order of studies.

Training of Thought;—Analysis of a complete
act of thought. Various factors and obstacles; Me-
thods of thought: Discovery, Verification and Proof.

Functions of definitions and language in Educa-
tion

(b) Sociology.

The sociological basis of Education. The mean-
ing and scope of Educational Sociology. The basis
and nature of Society. Factors of Socialization.
Education as a socializing factor. Social progress
and the problem of Education. Education and in-
dividuality. Education and the State; Education and
Population; Education and Industry. Education and
School organisation. Adult Education. Extra Cur-
ricular activities. Discipline and self Government
in schools. Co-operation between school and the other
social agencies.

Books Recommended.

(a) *Henderson*—A Text book in the Principles of
Education. (Macmillan).

Adamson—The Individual and the Environment.
(Longmans).

Thomson—A Modern Philosophy of Education.
(Allen & Unwin).

Leighton—Individuality and Education. (Ap-
pleton).

Klapper—Contemporary Education. (Apple-
ton).

Moore—Ethics and Education. (Bell & Son).

John Adams—Evolution of Education Theory (Macmillan).

John Dewey—How we think. (Heath & Co.).

Wellon—Logical Basis of Education. (J. Cope).

Graham Wallas—The art of Thought.

Rugg & Schumaker—Curriculum Making.

John Dewey—Democracy and Education. (Macmillan).

(b) *Frederic R. Clow*—Principles of Sociology with Educational Application. (Mac.).

Charles C. Peters—Foundations of Educational Sociology. (Mac.).

David Snedden—Educational Applications of sociology. (Sociology for teachers).

The century social science series (Century C. New York).

B. S. Bogardas—Introduction to Sociology. (Miller Los Angles.).

Reader—The Fundamentals of Public School Administration. (Mac.).

THE TEACHING OF ENGLISH.

I. The theory of language teaching—Principles of Linguistic Pedagogy—Problems of Bilingualism.

II. Phonetics—Value of Phonetics—its importance to teachers in English. Comparative study of Indian and English sounds and their pro-

duction—Instrumental Phonetics. Reading of Prose & Poetry.

III. The Teaching of English Reading in Indian Schools. Psychology of Reading—Reading Aloud—Silent Reading. Preventive and remedy of individual deficiencies in Reading.

IV. English Grammar, idioms with composition.

V. Examinations in English.

VI. Educational aids in connection with the teaching of English.

Books Recommended.

Wyatt. H.—The Teaching of English in India. (Oxford University Press).

Tomkinson. W. S.—The Teaching of English. (Clarendon Press).

Ballard. P. B.—The Teaching of the Mother Tongue. (L. U. P.).

Palmar. H. E.—A Scientific Study and Teaching of Language. (Harrap).

Jespersen.—How to teach a Foreign Language. (Allen).

Philsbury.—The Psychology of Language. (Appleton).

Stone. C. R.—Silent and Oral Reading. (Harrap).

Daniel Jones.—The Pronunciation of English. (Cambridge University Press)

Greening Lamborn. E. A.—The Rudiments of Criticism. (Oxford).

Kitsen E. C.—Language Teaching. (Oxford).

Craigie. W. A.—The Pronunciation of English. (Oxford).

Daniel Jones.—An English Pronouncing Dictionary. (Dent).

George Saintsbury.—Prosody. (Mac.).

Lang.—A History of English Literature. (Longmans).

West.—Bilingualism. (Govt. of India).

Blaisdell. T. C.—Ways to Teach English. (Down & Co., N. Y.).

Myres A.—Basic and the Teaching of English in India. (Times of India Press)

THE TEACHING OF MATHEMATICS.

1. The course will consist of select readings, discussions and occasional lectures. Students will write essays on selected topics, based on the study of the books recommended, take active part in discussions, write reports thereof and attend lectures.

The following syllabus indicates the nature of the topics to be treated in the course:—

(i) Principles of Mathematical Education.

(ii) The Educational value of the different mathematical subjects of high school course.

(iii) Experiments in the teaching of Mathematics.

(iv) The treatment of the special topics of the different branches of Mathematics.

(v) Drill in Mathematics.

(vi) Mathematics in relation with other school subjects.

(vii) The future of the teaching of Mathematics.

II. Books recommended.

1. *Carson*—Mathematical Education. (Ginn & Co. London & New York).

2. *Branford*—A study of Mathematical Education. (Clarendon Press, Oxford).

3. *Eugene Smith.*—The teaching of Elementary Mathematics (Mac.).

4. *Thorndike.*—The Psychology of Arithematic. Chapters I, V, VII & IX (Mac.).

5. *Thorndike.*—The Psychology of Algebra, Chapters II, V, X, IX. (Mac.).

6. *Nunn. T. P.*—The teaching of Algebra. .

7. —The Report on the Teaching of Geometry (Mathematical Association, London).

THE TEACHING OF SCIENCE.

The class will be conducted as a reading and discussion circle. Students will study the books recommended and will write essays on topics studied individually. The following syllabus represents the nature of the topics for discussion or study.

Syllabus.

Aims of Science teaching.

Methods in Science teaching.

Everyday Science.

Laboratory and its Management.

General *vs.* Specialised Science.

Science and Industry.

Correlation of Science with other school sub-
jects.

Humanism in Science.

Books recommended.

1. *Westaway F.*—Science Teaching.
    (Blackie & Son.).

2. *Cawthorne.*—Science in Education. (O. U. P.).

3. Board of Education Report.—Natural Science
    in Education.

4. *Smith & Hall.*—Teaching of Physics and Che-
    mistry. (Longmans).

5. *Parsons.*—Everyday Science. (Mac.).

TEACHING OF HISTORY AND CIVICS.

History.

Process involved in the learning of History:—

*Imagination, memory and judgment; their culti-
vation.

Sources and their examination.

Measurement of attainment in *History; tests and testing.

Types of errors in History and their suggested remedies.

Standards for the improvement of teachers.

Dalton plan and laboratory methods in History.

Civics.

Relation between History and Civics.

Historical and Civic sense—how to develop.

Aims and objectives

Types of courses in Civics.

Methods and special problems.

Equipment and materials.

Tests in civics and methods of conducting them.

Books recommended.

Judd.—Psychology of High Schools Subjects. (Ginn).

Reed.—Psychology of Elementary School subjects. (Ginn).

Starch.—Educational Psychology. (Mac.).

Freeman.—Psychology of the Common Branches. (Harrap).

Burton.—The supervision of elementary subjects. (Appleton).

Schmidt.—Teaching and Learning the Common Branches. (Appleton).

Klapper.—Teaching of History.   (Appleton).
 (*Related chapters).

Clarke.—Foundations   of   History   Teaching
 (O.U.P.)

Bourne.—Teaching of History and Civics.
 (Longmans).

GEOGRAPHY

The following syllabus shows the nature of the topics for discussion and study.

1. Geography as a human science.
2. Regional study of Geography.
3. Methods and special problems.
4. Correlation.
5. The Geographical Laboratory and Library
 and their Equipment.
6. Collateral Reading.
7. Outdoor work in Geography.
8. Practical Geography.
9. Examinations and Tests.

Books Recommended.

Skeat.—The Principles of Geography. (O.U.P.).

Semple.—Influence of Geographical Environ-
 ment.   (Constable).

Holtz. F. L.—Principles and methods of teach-
 ing Geography.   (F. L. Holtz, A.M.).

Fairgrieve. J.—Geography in School. (L.U.P.).

Fairgrieve and Young.—Practical Geography.
 (G. Phillip).

Garmelt.—The study of Map.

Steers.—Maps and Map-Making.

Wallis. B. C.—The Teaching of Geography. (C. U. P.).

Herbert Hatch.—Outdoor Geography (Blackie).

Barnard.—Principles and Practice of Geography Teaching (U.T.P.).

Herbert Hatch.—Out door Geography (Blackie).

طریقہ تعلیم اردو

۱ ء تدریسی السنہ کے اصول ۔ دو ربا نیت کے مسائل

۲ ۔ صوتیات کی اہمیت نثر و نظم پڑھانا

۳ ۔ اردو کی تدریس

عبارت خوانی کی نفسیات ۔ بلند خوانی ۔ خاموش خوانی
عبارت خوانی میں انفرادی کزوریاں اور ان کا انسداد

۴ ۔ اردو قواعد اور انشاء کی تدریس

۵ ۔ اردو کے امتحانات

۶ ۔ اردو کی تعلیم کے لئے تدریسی وسائل

مندرجہ ذیل کتابیں نصاب مقررہ پر حاوی ہونگی:۔

Books Prescribed.

1. *Carpenter & Scott.*—Teaching of English in Elementary & Secondary Schools (Longmans).

2. *Blaisdell.*—Ways to teach English (Doubleday **Dooran**).

3. *H. Sweat.*—Practical Study of Language (Dent & Sons).

4. *Pillsbury.*—The Psychology of Language (Appleton).

5. *Palmer. H.*—Scientific Study & Teaching of Languages. (Harrap).

6. *Ballard.*—Teaching of the Mother Tongue (Holder & Stoughton London).

7. *Stone. C.R.*—Silent and Oral Reading (Houghton & Mufflin Co.).

8. *Zor. Dr.*—Hindustani Phonetic (L' union Tipographique Ville neeve Saint George).

Recommended.

۱	رام بابو سکسینه	تاریخ ادب اردو
	(ترجمہ عسکری حسن)	
۲	ڈاکٹر محی الدین زور	روح تنقید
۳	نجم الغنی صاحب	بحرالفصاحت
۴	سید احمد صاحب	فرهنگ آصفیہ
۵	ناگری پرچاری سینا	شبد ساکر
٦	سلطان احمد صاحب	زبان

EDUCATIONAL PSYCHOLOGY WITH TESTS AND MEASUREMENTS.

(a) The nature and scope of Educational Psychology.

Mental heredity and Individual differences.

The behaviour of organisms. Instincts. habit and inteligence in animals.

Instincts.

Emotions. Development of sentiments. Organization of character.

Intelligence. Development of Intelligence.

Mental testing.

Conditioned reactions.

Learning and Habit formation, Animal and Human Learning.

The Practice curve. Economy and technique of memorizing.

Association. Imagery and Imagination.

Memory. Economy in memorising.

Muscular and mental work. Fatigue.

Mental Hygiene of a school life.

Transfer of training.

Education Tests. Examination, orthodox and new.

Elements of vocational testing and guidance.

Child guidance and Clinic.

B. Practical Work.

A course of laboratory work must also be attended. Records must be kept of the laboratory work and practical exercises. The following is an outline of the nature of such practical work.

> Simple exercises on psychological methods.
>
> Mental work. The economy and technique of learning.
>
> Mental tests. Practical examination of individual cases.
>
> Scholastic tests and Measurements.
>
> Elements of education and vocational guidance.
>
> Elementary statistical methods and computations.

Books recommended.

Sandiford. P.—Educational Psychology. (Longmans).

Books recommended for reference.

1. *McDougall. W.*—An Outline of Psychology. (Mathews).

2. *Thomson, Godfery.*—Instinct, Intelligence & Character. (Allen & Unwin).

3. *Spearman. C.*—The Abilities of Man. (Mac.).

4. *Board of Education*—Psychological Tests of Educable Capacity.

5. *Pyle. W. H.*—The Psychology of Learning.

6. *Valentine. C. W.*—Experimental Psychology and Education. (Muri Tutorial Press).

7. *Poffenberger. A. T.*—Applied Psychology. (Appleton).

8. *Holzinger, Karl.*—Statistical Methods in Education. (Ginn).

THE HISTORY OF EDUCATIONAL IDEAS.

(a) Modern Period from 1400 A.D. to present time.

The Renaissance—Humanistic Education.

The Reformation—Religious Formalism.

The Realistic Education.

Montaigne: Bacon: Milton: Ratich: Comenius Franke.

The Disciplinary Conception of Education.

Locke.

The Naturalistic Tendency.

Rousseau: Basedew.

The Psychological Tendency.

Pestalozzi: Herbert: Froebel.

The Scientific Tendency.

The Present Day Tendencies.

(b) Detailed study of a topic in Ancient, Medieval or Modern periods, to be prescribed by the college authorities from time to time, such as Early Education, Buddhist Education, Per-Mughal Muslim and Mughal Education in India, Education under the British etc.

Books recommended.

Cubberley.—History of Education (Houghton, Mifflin Company.)

Graves.—History of Education in 3 volumes. (Macmillan.)

Rusk.—The Doctrines of the Great Educators (Macmillan.)

Misawa.—The Great Educators and their ideals (Appleton.)

Davidson.—History of Education. (Constable).

Cloyd.—Modern Education in Europe and the Orient (Macmillan).

Keay.—Education in Ancient and Medieval India (O.U.P.)

Altekar.—Education in Ancient India (India Book Depot).

Jaffer.—Education in Muslim India. (Md. Sadiq Printing Press, Lahore).

THE EARLY EDUCATION OF CHILDREN.

1. Nature, Scope and Methods of Child Study.

2. The Stages of child development.

3. Observation and study of children.

> The child from 2 to 5, how to deal with him.
> The child from 5 to 7, how to deal with him.
> Exceptional children, how to deal with them.

4. Fatigue-Mental and physical.

5. Play—its theories and significance in education. The value of free and organised play. Classification of games etc.

6. Occupations suitable for children.

Books

Murray.—The Child under Eight. (Arnold).

Lewis.—An Adventure with Children. (Macmillan).

Isac.—The Children We Teach. (Lon. U. Press).

Mc Vittie.—Train up a Child. (Murray).

Ballard.—Hand work as an Educational Medium. (Allen & Unwin).

Parker & Temple.—Unified Kindergarten & First Grade Teacher. (Ginn & Co.).

Descoendres.—The Education of Mentally Defective Children. (Harrap).

Steadman.—Education of Gifted c h i l d r e n. (World Book Co.).

Radice.—New Children. (Hodder & Stoughton.).

M.—French and German EXAMINATION.

.

EXAMINATION IN FRENCH AND GERMAN FOR A CERTIFICATE OF PROFICIENCY.

A. *Rules for the Examination.*

(1) The examination at the end of the first year will be a Home Examination, and the examination at the end of the second year will be conducted by the University. It will consist of two written and one oral examination, as detailed below :—

Marks.

1st Paper—Prose, Text and
Grammar.   ..   100.

2nd Paper—Translation from the
language selected into
Urdu language.   40

Translation from Urdu
into the language se-
lected.   35

      75.

Oral Examination.   ..   25.

(2) In order to pass the examination, the candidates will be required to secure 33 per cent. of the full marks in the written as well as in the oral examination.

Those of the successful candidates, who obtain 60 per cent. or more of the aggregate marks will be placed in 1st class, those obtaining 45 per cent. or more but less than 60 per cent in 2nd class, and the others in the 3rd class.

(3) No tuition fee will be charged from the students of the University, but the non-Collegiate students will be required to pay a tuition fee of Re. 1|- per mensem. The examination fee shall be Rs. 5|-.

B. *Text-books and detailed syllabuses.*

I—FRENCH COURSE.

Junior Class. (1st year)

I. *Grammar :—*

  (a) Use of Articles, Pronouns and Prepositions.

  (b) Formation of Number, Gender and Adjective, Comparative and Superlative.

  (c) Full conjugation of auxiliary verbs and some common Regular and Irregular Verbs. (Present, Past and Future Tense.).

II. *Text :—*

  (a) Selected prose lessons and poems.

  (b) Rapid Reading.

III. Ordinary Conversation and Translation from French into Urdu and Vice Versa.

IV. Construction of small sentences and simple phrases in French.

Senior Class (2nd Year).

I. *Text :—*

  (a) Selected prose and poems.

  (b) Rapid reading.

II. Some widely used Idioms, Phrases and Proverbs.

III. Practice in Short Essay and Letter Writing.

IV. Translation from French into Urdu and Vice Versa.

V. Practice in Conversation.

II.—GERMAN COURSE.

1st Year.

  1. Rules of pronunciation.

  2. Grammar :—

(a). The Definite and Indefinite Articles.
(b). Declension of Articles.
(c). Nouns and their Declensions.
(d). Nominative and Genetive Singular of Substantives
(e).   —do—   —do— Plural   —do—
(f). Declension of Substantives.
(g). Declension of Personal pronouns.
(h). Conjugation of Verbs.
(i). Reflexive Verbs.
(j). Declension of Adjectives preceded by the definite and indefinite articles.

3.   Lessons: 1st to 15th Lessons. (Otto Siepmann's German Course. Macmillan. London. Pages 1 to 62.).

4.   Construction of small sentences and simple phrases in German.

5.   Simple conversational exercises relating to everyday life.

6.   The following simple poems :—

(a). Gefunden by Goethe.
(b). Heidenroeslein by Goethe.
(c). Die Lorelei by Heine.
(d). Schutzenlied by Schiller.
(e). Frohe Botschaft by Holtei. (Otto Siepmann's Primary German Course, Pages 154-162).

2nd Year.

1.   Grammar:

(a). First to Fifth Declensions.
(b). Prepositions.
(c). Irregular Plurals.
(d). Verbs and Compounds Tenses.
(e). Declensions of Adjectives.
(f). Pronouns.
(g). Numerals, Date and Time.

2.   Lessons: 15-29 in R.T. Currell's "Introduction to German" Published by Harrap & Co. London.

3. Simple Stories and Fables: (Fabeln and Kurze Geschichten. Otto Siepmann's Primary German Course. Papes 124-125.)

4. Conversational Exercises.

5. Simple Dictations of Phrases and small sentences. (A few passages from well known German Prose Writers).

6. Following poems :—

    (a) Erlkoenig. (Goethe)
    (b) Das Maedehen aus der Fremde. (Schiller)
    (c) Die Grenadiere. (Heine)
    (d) Hoffnung. (Schiller)

7. Translation of passages from German into Urdu. Selected passages for Science and Arts students.

LIST OF
SUCCESSFUL CANDIDATES

LIST OF SUCCESSFUL CANDIDATES

Matriculation Examination 1347 F. (1938).

FACULTY OF THEOLOGY, ARTS AND SCIENCE,

Roll No.	Name	Class	School	Remarks
14	Habib Tayyab ..	I	Osmania High School, Darul Uloom	
5	Syed Abdul Quddus ..	II	do	
5	Syed Zubair ..	II	do	
7	Mohammad Sadullah Hashimi ..	III	do	
9	Mohammad Fasihuddin ..	II	do	
11	Jamhur Zaman Khan ..	III	do	
13	Mohammad Gaffar Ahmad ..	III	do	
15	Syed Mohammad Qadri Yemani ..	III	Osmania High School, Bidar	
16	Mohammad Ithimadul Haq ..	II	do	
17	Mohammad Ahmad Ali ..	do	do	
18	Mohammad Ismail Zaidi ..	Completed	do	
19	Ghulam Dastagir ..	II	Osmania High School, Nalgonda	
20	Mohammad Alimuddin ..	III	do	
31	Mohammad Sufi ..	Completed	Private	
34	Mohammad Abdul Shukoor ..	do	do	
35	Malik Mohammad Ahmadullah ..	do	do	
36	Mohammad Faizullah Khan ..	do	do	
44	Abdul Hafiz Ahmad ..	III	Islamia High School, Mazhwada.	
47	Ahmad Husain ..	III	do	
54	Abdulla Bin Ahmad Bahaziq ..	III	City High School, Balda	
55	Ghulam Mohammad Ghousuddin Ali Khan..	II	do	
56	Syed Shabbir Hussain ..	II	do	
57	Mahdi Husain ..	II	do	
58	Mohammad Yahiya ..	III	do	

No.	Name		Class	
60	Syed Khaja Zainul-Abideen	...	II	do
62	Ghulam Ahmad	...	II	do
65	Mohammad Anwar Husain	...	III	do
66	Ghulam Subhan Khan	...	III	do
76	Mirza Sajjad Husain Baig	...	II	do
80	Vishonbhar Rao Surodny	...	III	do
81	V. Balkrishniyya	...	III	do
82	P. Naga Bhooshnam	...	III	do
84	Mohammad Mohsin Siddiqi	...	II	do
89	Qazi Ahmad Kabiruddin	...	III	do
90	Syed Imtiazuddin Hussaini	...	III	do
93	N. Witthal Rao	...	II	do
94	Venkatesh Rao Padki	...	II	do
95	Mirza Hamid Ali	...	III	do
96	Syed Hydar Husain Razvi	...	II	do
97	Syed Abul Arif	...	III	do
98	Mir Ahmad Ali	...	II	do
99	Syed Feriduddin	...	III	do
101	Syed Mohammad Ali Qadri	...	II	do
102	Moinuddin Khan	...	II	do
103	Mohammad Salimuddin	...	II	do
104	Syed Qadir Mohiuddin	...	III	do
105	Mohammad Mukhtaruddin Ahmad	...	II	do
106	Mohammad Muniruddin Khan	...	III	do
108	Ghulam Zainul-Abideen	...	III	do
109	Farog Ahmad	...	III	do
111	Mohammad Sardar Ali Khan	...	III	do
112	Mirza Mustafa Baig	...	III	do
113	Syed Habibuddin	...	III	do
114	Syed Yusufuddin	...	III	do
116	Mohammad Aminuddin	...	II	do
117	Shah Hamid Siddiqi	...	II	do
118	Mihammad Mirza Mohiuddin	...	III	do

Roll No.	Name	Class	School	Remarks
119	Mumtaz Ali Khan	II	City High School, Baldt	
120	Syed Rashid Ali	III	do	
122	K. Satya Narain Reddy	III	do	
123	Lakshman Rao	III	do	
124	Padmiyya	II	do	
126	B. Venkat Reddy	III	do	
127	Lakshmi Kant Rao Samrani	II	do	
128	M. Rang Rao	III	do	
129	B. Kishen Rao	II	do	
130	R. Rang Rao	II	**do**	
131	Abul Fateh Mohammad Nasiruddin Ahmad	III	Osmania High School, Darul Uloom	
132	Mohammad Abrar Ahmad	III	do	
136	Syed Niaz Ahmad	II	do	
144	Syed Bashir Ahmad	III	do	
152	Syed Zamir Ahmad	II	do	
153	Shaik Sherfuddin	III	do	
154	Abul Anwar Khurshid Yusuf Siddiqi	III	do	
158	Mohammad Sharfuddin Qureshi	III	do	
161	Syed Muzaffar Husain	II	do	
165	Mohammad Mustafa Ali	III	**do**	
166	Mohammad Alauddin	III	do	
170	Ahmad Fazlur Rahman Hasan	III	do	
180	Syed Anwar Husain	II	do	
181	Mohammad Zainuddin	II	do	
188	Shaik Sayeed Ahmad	**III**	do	
189	Mohammad Abdulla Khan **Mandozai**	III	do	
191	Mohammad Zuhoorul-Islam Khan	III	**do**	
192	Syed Moinuddin Husain	II	do	
197	Mohammad Saifuddin Ansari	II	**do**	
202	Ahmad Ali Khan	III	do	

203	Mohammad Ibrahim Khan	...	III	do
204	Syed Anwar Ali	...	III	do
205	Nazr Mohiuddin	...	II	do
206	Mohammad Abdul Qadir	...	II	do
207	Mohammad Amiruddin	...	III	do
208	Mohammad Yusuf Yusufi	...	II	do
209	Mohammad Qumqamuddin	...	II	do
210	Jafar Mohiuddin Quraishi	...	II	do
211	Khaja Tirbhovan Pershad	...	II	do
212	Mohammad Moinuddin Quraishi	...	II	do
213	Syed Zuhoorulla	...	II	do
214	Mohammad Ghousuddin Siddiqi	...	II	do
215	Mir Nasir Ali	...	II	do
216	Mohammad Yakoob	...	II	do
217	Syed Mohibbuddin	...	II	do
218	Syed Abdul Shukoor	...	II	do
219	Mohammad Ghulam Ahmad	...	II	do
220	Mohammad Jamiluddin Ahmad Shamim	...	III	do
221	Daya Nand	...	II	do
222	Veera Reddy	...	III	do
223	D. Bangiah	...	II	do
224	K. Srinivas Swamy	...	III	do
225	Vinayak Rao	...	III	do
226	T. Kishtiah	...	II	do
228	C. Venkat Ram Rao	...	III	do
229	Sakha Ram Dhomal	...	III	do
231	Shaikh Latif	...	Completed	do
232	Mohd. Imamuddin Khan	...	do	do
233	Mohd. Mushtaq Ali	...	do	do
234	Mohammad Ali	...	do	Osmania High School, Nampalli
235	Atiq Ahmad	...	III	do
237	Mohammad Ali Khan	...	II	do
241	Mahmood Khan	...	III	do

Roll No.	Name	Class	School	Remarks
242	Azam Ali	III	Osmania High School, Nampalli	
244	Mohd. Hasanuddin	II	do	
245	Shaik Mohammad	III	do	
246	Mohd. Nasarulla	III	do	
247	Syed Abdur Rafai	III	do	
248	Syed Aminuddin Ahmad	II	do	
249	Mohd. Yakoob Sharif	III	do	
250	Syed Ziauddin	III	do	
251	Kishen Lal	II	do	
252	Narhar Rao	II	do	
255	Narsimha Chari	III	do	
256	L. Kishen Rao	III	do	
258	Ahmad Mohiuddin	II	do	
259	Muzharul Huq	II	do	
260	Mohd. Hamid Mohiuddin	III	do	
261	Mohd. Azimuddin	III	do	
262	Mihd. Abdul Hadi	II	do	
263	Mohd. Abdul Qayyum Chincholavi	II	do	
264	Mir Shajaut Ali	III	do	
266	Syed Bashir Ali	II	do	
268	Mohammad Masood Ali	II	do	
269	Syed Hamid Tirmizi	II	do	
270	Ghous Mohiuddin	III	do	
272	Ram Charan	II	do	
273	M. G. Sheshia Chetty	II	do	
275	B. K. Narain	II	do	
276	P. Srinivas Rao	II	do	
285	Balwant Rao	III	Osmania Asafia High School, Malakpet	
287	Syed Sayeeduddin Husaini	II	do	
288	Syed Manzoor Ahmad	III	do	

No.	Name		Class	School
289	Syed Azizul Haq	:	II	
291	G. Ramchander Rao	:	Completed	
292	Syed Husamuddin	:	III	Osmania High School, Darush Shifa
293	Mohd. Imam Sharif	:	II	do
294	Zulfiqar Ali Khan	:	III	do
296	Shah Mohammad Khan	:	III	do
297	Ahmadul lin	:	III	do
298	Nuzhat Pasha	:	II	do
299	Mirza Hyder Husain	:	II	do
300	Amir Ahmad Khusrao	:	III	do
301	Yasin Mohiuddin Ali Khan	:	III	do
302	Syed Sajjad Ali Razvi	:	III	do
304	Mohammad Faizuddin	:	III	do
305	Mohd. Amjad Ali Shadab	:	II	do
306	Ghulam Mohinddin	:	II	do
307	Mohd. Sayeeduddin Subhani	:	II	do
308	Syed Abdul Qadir	:	III	do
309	Mohammad Abdul Hafiz	:	II	do
310	Mir Hamid Ali	:	II	do
311	Ahmad Jaliluzzafar	:	III	do
312	Mohammad Raza Husain	:	II	do
314	T. Satiya Narain Reddy	:	II	do
316	Balkishtiah	:	II	do
318	Mir Asghar Ali	:	II	do
319	Mirza Ghulam Hyder	:	III	Osmania High School, Chanchalguda
321	Mir Mansoor Ali	:	II	do
322	Mohammad Husain	:	II	do
323	Dilawar Ali Khan	:	II	do
326	Mohd. Nizamuddin	:	III	do
327	Moshammad Abdul Gafoor	:	II	do
328	Syed Qutub Alam	:	II	do
329	Syed Ibrahim	:		do
335	Syed Zainul Abideen	:	Completed	do

Roll No.	Name	Class	School	Remarks
334	Mohammad Abdul Karim	III	Anwarul Uloom High School Nampalli	
338	Khaja Mohiuddin	II	do	
539	Moinuddin Ahmad Abbasi	III	do	
341	Mahboob Ilahi Khan	II	do	
342	Mohan Reddy	II	do	
344	K. Kishen Rao	II	do	
350	Syed Mahdi Hasan	II	do	
351	Bashiruddin Mahmood	III	do	
352	Mohd. Hamidulla Khan	III	do	
355	Syed Mohammad Kamil	II	do	
356	Mohammad Yusuf	II	do	
357	Shafiq Ahmad Khan	III	do	
361	Kishtiah Reddy	III	do	
362	D. Lakshman Rao	III	do	
364	Mohammad Ismail	Completed	do	
365	Ghulam Mustafa	do	do	
366	Syed Abu Hamid	do	do	
370	Mohammad Bashiruddin	III	Osmania High School, Medak	
371	Syed Mohammad Hadi	II	do	
374	B. Narsimlu	II	do	
376	Mohammad Ghous	III	do	
377	Mohd. Abdur Rauf	II	do	
378	Khaja Moinuddin	III	do	
379	Mohd. Zuhoruddin Gulshani	II	do	
380	Sadasiv Rao	III	do	
381	D. Sanjiv Rao	III	do	
383	Mohammad Taig Ali	Completed	do	
384	Mohammad Shamsuddin	do	do	
385	Mohammad Abdul Walab	do	do	
388	Syad Mahmood Ali	II	Osmania High School, Nirmal	

389	Syed Muktaruddin	II	...	do
390	Narhar Rao	II	...	do
391	Gopia Choudhry	II	...	do
392	Lakshmi Kant Rao	II	...	do
393	S. Ramlu	II	...	do
394	P. Pilliah	II	...	do
395	Sayeed Bin Nasir	Completed	...	do
396	Mohammad Abdul Alim	do	...	Osmania High School, Nalgonda
400	T. Basita Ramiah	III	...	do
401	B. Madhava Rao	III	...	do
404	Shambwais Manohar Rao	III	...	do
405	M. Gopal Kishen Rao	II	...	do
406	D. Sri Ramulu Naidu	III	...	do
407	K. Gurwa Reddy	III	...	do
409	Syed Wahiduddin	II	...	do
413	A. Venkat Ram Rao	III	...	do
414	K. Nag Reddy	III	...	do
416	D. Hanmunth Rao	II	...	do
417	M. M. Trungla Chari	III	...	do
418	V. Lakshmi Narain Pershad	III	...	do
419	B. Sita Narain Reddy	II	...	do
420	A. Sita Narain Rao	II	...	do
422	C. Sita Ram Reddy	III	...	do
423	Kuncharla Rama Reddy Prem	III	...	do
424	D. Balkishen Rao	II	...	do
425	V. Gopal Rao	II	...	do
429	Mohd. Sadiq Ali	Completed	...	do
430	Mohd. Kasim Osmani	III	...	Osmania High School, Bidar
431	Shaik Mahboib Haqqani	II	...	do
433	Mohd. Abdur Rahim Farooqi	II	...	do
435	Mohd. Abdul Mannan Mannani	III	...	do
437	Shanker Rao Desmukh	III	...	do
442	Mohd. Abdus Subhan Subhani	II	...	do

Roll No.	Name	Class	School	Remarks
443	Ghulam Mohiuddin Khan	III	Osmania High School, Bidar	
445	Mohd. Osmani Ali	III	do	
446	Syed Bashiruddin Ahmad Jaffari	II	do	
447	Mohd. Iqbaluddin Ahmad	II	do	
448	B. G. Manick Rao	II	do	
449	K. Gurunath Rao Patel	II	do	
450	B. Sri Ram	III	do	
452	D. G. Joshi	III	do	
453	N. Mahantappa	Completed	do	
459	Mohd. Abdul Majid Khan	Completed	do	
462	H. Kishen Rao	do	do	
463	Faseehuddin Ahmad Fahmi	do	do	
464	Mohd. Abdul Karim	III	do	
466	Muhmood Ali	III	Osmania High School, Mahboobnagar	
467	Syeed Alam	III	do	
468	Ghulam Yasin Khan	III	do	
469	V. Jagannath Rao	III	do	
470	K. Kishen Rao	II	do	
471	K. Jagmohan Reddy	III	do	
472	Lachmi Kant Rao	II	do	
474	Ghulam Basool	II	do	
475	Valiuddin Ahmad	II	do	
476	Bashir Ahmad Khan	III	do	
477	Syed Hasham Ali	II	do	
481	Masumna	III	do	
482	P. Mulliah Gupta	II	do	
483	Narsimha Reddy	II	do	
484	Padmanabha Chari	III	do	
485	Lakshmi Khat Reddy	Completed	do	
493	Mohammad Khaja	III	Osmania High School, Nizamabad	

498	Lakshmi Kant Rao Chirtawar	..	III	do
502	Qazi Syed Iqbal Ahmad	..	II	do
503	Syed Moulana	..	III	do
504	Mohd. Abdus Salim Salino	..	II	do
506	Mohd. Anwarul Haq	..	II	do
507	Ram Narain	..	III	do
509	P. Rajaishwar Reddy	..	II	do
511	Venkat Ramulu	..	II	do
512	J. Ganga Reddy	..	II	do
513	Madhu Rao Musaraf	..	II	do
515	G. Chinna Beddy	..	II	do
516	A. Ram Kishen Rao	..	II	do
517	B. Sachdanand Swamy	..	II	do
523	Lingoji	..	Completed	do
525	Mohd. Abdul Azim Khan	..	do	do
527	Syed Qudratulla Qadri	..	do	do
528	Mohd. Azmatulla Khan	..	do	do
529	Habibulla Khan	..	do	do
530	N. Lakshman Rao	..	do	do
513	Bhim Reddy	..	do	do
556	Narain Rao Joshi	..	III	Osmania High School, Nanded
560	Anand Rao Waghmaray	..	II	do
567	Manick Rao Nandedkar	..	III	do
587	Khanday Rao Kagbattay	..	Completed	do
592	Ram Pratab Jagmohan Singh Pritar	..	II	Yogeshwari Nautan Vidyala High School, Mominabad.
594	Raja Ram Rangnath Rao Gokul	..	II	do
595	Narhar Ram Rao Isadka	..	III	do
596	Subhangir Tuljogir Gossain	..	III	do
599	Gopal Rao Lakshman Rao Bhalchandar	..	III	do
601	Vishwanath Narsuba Osikar	..	III	do
603	Govind Bhagwanth Rao Surraf	..	II	do
605	Nagu Rao Kondi Pandit	..	III	do
606	Sakharam Anba Das Divgaonkar	..	II	do

Roll No.	Name	Class	School	Remarks
607	Sadasiv Bhagwanth Rao Kambhonay	III	Yogeshwari Nautan Vidyala H. School	
608	Bhagwan Sifa Ram Amberker	III	Mominabad	
609	Venkat Rao Srinivas Rao Deshpanday	II	do	
610	Bala Bhayram Gurushardul	II	do	
613	M. Gopal Reddy	II	Osmania High School, Samisthan	
614	K. Mithyal Reddy	III	do	
615	A. Ramswamy	III	Wanparti	
616	Sri Hari	II	do	
617	K. Narain Reddy	II	do	
620	Pandhrinath Gaekwar	III	Osmania High School, Osmanabad	
622	Devidas Vekatesh Rao Kulkarni	III	do	
629	Vasdiv Kherdikar	III	do	
630	Srinivas Rao Ram Rao Chatgopakar	III	do	
632	Ganpatrao Damodhar Rao Deshpanday	III	do	
635	Mohammed Zakir Ali	II	do	
646	Mohd. Habibuddin	III	Osmania High School, Latur	
666	Govindrao Joshi Bhainsakar	III	do	
670	Tathiyya Rao Gaekwar	III	do	
676	Sadashiv Rao	III	do	
677	Deebkumar Chatterjee	III	do	
678	Syed Abdul Majid	II	do	
688	Khaja Abdul Wahab	Completed	do	
690	Tirambuck Rao	do	do	
694	Venkobe Rao	III	Osmania High School, Raichur	
697	D. Raghwinder Rao	III	do	
699	Mohsin Bin Husain	II	do	
700	Gopal Achariya	II	do	
701	D. Kishen Rao	III	do	
702	D. Ramchandar Rao	II	do	
703	Madhva Chariya	II	do	

No.	Name		Status	Institution
706	Qazi Ghulam Dastagir Siddiqi	..	Completed	do
707	G. Giri Rao	..	do	do
711	Razia Begam	..	II	Women's College
712	Rabiya Begam	..	II	do
714	Akhtarunnisa Begam	..	III	do
717	Shakila Sultana	..	Completed	do
727	Bismilla Begam	..	II	Women's Training School, Balda.
729	Sultan Jahan Begam	..	Completed	do
730	Shah Zamani Begam	..	do	Private (Balda)
745	Qamar Astani Begam	..	do	do
749	Nesi-mun-nisa	..	do	do
752	Jamila Sultana	..	do	do
754	Qutbunnisa Begam	..	do	do
755	Jafari Begam	..	do	do
758	Abdul Quddus	..	II	do
774	Mohamad Yaqoob	..	III	do
775	Mohd. Nematulla	..	II	do
786	Mirza Moinuddin Baig	..	II	do
789	Mohd. Abdur Razzak	..	III	do
798	Shaikh Mohammad	..	II	do
799	Mohd. Mazharuddin	..	III	do
819	Mohd. Abdul Latif	..	III	do
823	Syed Ali Mohammad Razvi	..	II	do
826	Syed Khaja Hasan	..	III	do
831	Syed Mohammad Inayatul-Hasan Razvi	..	II	do
832	Mohd. Azeem Mirza	..	II	do
836	P. Bapu Rao	..	II	do
841	Dhondi Raj Choudhry	..	III	do
862	Ananth Rao	..	III	do
868	Hari Har Rao Nandapurkar	..	II	do
869	Withal Rao	..	III	do
879	M. Ramchadar Rao	..	III	do
891	K. Rajaishwar Rao	..	III	do
900	P. Venkatramna Rao	..	III	do

Roll No.	Name	Class	School	Remarks
905	Raj Reddy	III	Private	
908	V. Sridhar Reddy	II	do	
932	Syed Syed Ibrahim Yadullahi	III	do	
935	Mohammad Hasham	II	do	
945	H. A. Chatgopkar	II	do	
966	D. S. Kanthikar	III	do	
984	Mohd. Imaduddin	II	do	
989	Mir Ahmad Ali	III	do	
995	Babu Rao	III	do	
999	T. Diva Sakhamani Pillai	III	do	
1000	N. Narsihwan Reddy	II	do	
1006	M. Vinogopal Rao	II	do	
1008	J. Sattiyya	III	do	
1011	Mir Amjad Ali	II	do	
1012	Syed Ali Jafar Bilgami	III	do	
1013	Sattiyya	Completed	do	
1059	Kashi Rao Desh Panday	do	do	
1075	Moud. Abdus Sattar	do	do	
1076	Mohd. Abdul Aziz Maher	do	do	
1135	Syed Yusuf Ali	do	do	
1156	Mohd. Yasin	do	do	
1158	R. Gangiah	do	do	
1162	Syed Fasihuddin Ahmad	do	do	
1165	Syed Quboohlla Husaini	do	do	
1167	Mohd. Abdur Bashid	do	do	
1171	K. Krishna Reddy Magdikar	do	do	
1176	Mohd. Bashiruddin Ahmad	do	do	
1187	G. Sharnuppaa	do	do	
1190	V. Narain Reddy	do	do	
1194	Syed Mohammad Amir Ali	do	do	

No.	Name				Remarks
1205	Wahid Ahmad Sharif	..	do	do	
1210	Syed Abdur Razzak	..	do	do	
1239	Syed Yusuf Husain Zaidi	..	do	do	
1240	Mirza Vilayat Ali Baig	..	do	do	
1244	Mohd. Vazir Ali	..	do	do	
1251	Datathri Rao	..	do	do	
1259	Syed Yadulla Hussaini	..	do	do	
1260	Syed Sharif	..	do	do	
1273	Syed Jalal Hyder Zaidi	..	do	do	
1274	Mohd. Abul Majid	..	do	do	
1277	Mohd. Ahmad Mujtaba Khan	..	do	do	
1280	Datatri Pershad	..	do	do	
1282	V. Narsihwan Reddy	..	do	do	
1285	Syed Abdul Wahab	..	do	do	
1289	Digambar Vaman Rao Barnikar	..	do	do	
1292	Sathiya Narain Rao	..	do	do	
1295	Nago Rao	..	do	do	
1313	Chandar Rao Yaradi	..	do	do	
1319	Sakha Ram Phatak	..	do	do	
1321	Manzoor Ahmad Zubairi	..	do	do	
1323	Shaik Abdul Qadir	..	do	do	
1328	Charupalli Malliah	..	Passed*	do	*In English only: Holder of the Moulvi Certificate Madarsai-Nizamiah.
1334	Mohd. Wajhuddin	..	Completed	do	
1335	Syed Karimuddin	..	do	do	
1337	Muhmood Khan	..	do	do	
1338	Shaik Abdur Rahman	..	Passed*	do	
1344	Syed Mohsin Jafari	..	Completed	do	
1347	Syed Mohammad Hanif	..	do	do	
1348	Syed Zuhooruddin Jafari	..	do	do	
1351	Mohd. Mustafa Husain	..	Passed*	do	
1354	Fasihuddin	..	Completed	do	
1366	Syed Qasim Husain	..	do	do	
1368	Mohd. Zuhooruddin Aasan Farooqi	..	do	do	

Roll No.	Name	Class	School	Remarks
1369	Mohd. Qasim	Completed	Private	
1375	Syed Azizuddin	do	do	
1376	Syed Valiuddin	do	do	
1377	Syed Habibuddin Hashimi	do	do	
1379	Mir Saadat Ali	do	do	
1380	Mohd. Wajid Ali	do	do	
1384	Syed Amin Mohammad	do	do	
1392	Bhanodas Rao	do	do	
1394	A. Sri Ramulu	do	do	
1403	Bhima Rao	do	do	
1404	Gulab Chand Kanji Lal Choukda	do	do	
1405	Omakant Rao Deshpandia	do	do	
1406	T. Hanumanth Rao	do	do	
1408	Ganpat Rao Chiotay	do	do	
1416	Gangadhar Rao	do	do	
1420	Narain Madholkar	do	do	
1425	T. Jagat Ishwaria Gupta	do	do	
1427	K. Anant Rao	do	do	
1428	Lakshami Narsayya	do	do	
1430	Syed Zainul-Abideen Chisthi	do	do	
1432	Mohd. Asadulla	do	do	
1433	Mohd Jafar	do	do	
1435	Asad Ali Mirza	do	do	
1439	Syed Mohammad Abbas	do	do	
1440	Ramanjam	d o	do	
1442	Chandidas Rao	d o	do	
1445	R. Govind Rao	d o	do	
1446	Vishwanath Rao Saitkar	d o	do	
1448	Gangadhar		do	
1451	Syed Mohammad Zaki	do	do	

No.	Name				In Theology only:
1452	Mohd. Osman Ali Siddiqi	…	do	do	
1456	Mohd. Alamgir Khan Shamsi	…	do	do	do
1458	Raghwainder Rao Badami	…	do	do	do
1459	Sunder Karan	…	do	do	do
1460	R. Narsing Rao	…	do	do	do
1461	Narain Rao Dhanoorkar	…	do	do	
1462	C. H. Ramapathy Rao	…	do	do	
1463	D. Narain	…	do	do	
1466	Mohd. Mahboob Ali	…	do	do	
1469	B. Ranga Rao	…	do	do	
1472	Syed Wadood Ahmad	…	do	do	
1473	Khaja Husain	…	do	do	
1474	Keshav Rao	…	do	do	
1478	Mohd. Khairuddin	…	do	do	
1479	Malla Reddy		do	do	
1481	Syed Wajiuddin Ahmad	…	do	do	
1482	Syed Zainul-Abideen	…	do	do	
1483	M. Maqsood Ali Khan Shah Zore	…	do	do	
1494	Ramchandar Rao Aiknath Rao Dalal		do	do	
1487	Mohd. Abdul Latif	…	Passed	do	
1488	Mohd. Moinuddin	…	do	do	
1489	Syed Ghulam Moinuddin	…	do	do	
1490	Syed Abdul Wahid	…	do	do	
1491	Mohd. Nasir Ahmad		do	do	
1499	Syed Akhtaruzzaman	…	III	Osmania High School, Aurangabad	
1500	Qazi Mohammad Jan Siddiqi	…	II	do	
1506	Gulab Khan	…	III	do	
1507	Mohd. Baqar		III	do	
1519	Santok Rao Deshpanday	…	III	do	
1525	Shanker Rao Dshpanday	…	III	do	
1526	Pershotam Rao	…	III	do	
1532	Lakshman Deshpanday	…	III	do	
1534	Manick Rao Chobay	…	III	do	

Roll No.	Name	Class	School	Remarks
1537	Yadho Rao Moulay	III	Osmania High School, Aurangabad	
1538	Bhajang Ashtorkar	II	do	
1539	Pandurang Rao Kulkarni	III	do	
1540	Rangnath Qandharkar	II	do	
1542	Mohd. Mukarram Ali Abbasi	III	do	
1550	Mohd. Hamid	II	do	
1556	Khaja Aijaz Quraishi	III	do	
1561	Mohd. Abdul Gani Quraishi	III	ds	
1567	Shanker Rao Manwathkar	II	do	
1568	Vasant Pargaonkar	II	do	
1569	Rai Mahipat Rai Ashthana	II	do	
1570	Digambar Rao Bhalay Rao	III	do	
1573	Syed Mahdi Husain	III	do	
1575	Keshav Rao Deshpanday	II	do	
1576	Syed Mohammad Azhar Husain Razvi	III	do	
1580	Jagannatt Rao Bardapurkar	Completed	do	
1582	Manjajee Ranjwan	do	do	
1585	Lakshman Kishen Rao Golaigaonkar	do	do	
1587	Mirza Abdulla Baig	II	Osmania High School, Jalna	
1588	Syed Mohammad Yusuf Nazim	III	do	
1597	Balajee Bald	III	do	
1598	Narain Rao Waghmaray	III	do	
1899	Shaik Farid Farid	II	do	
1603	Jaganath Agarwal	II	do	
1604	Raghonath Bhalai Rao	III	do	
1608	Raghonath Deshpanday	Completed	do	
1614	Ramchandar Khoth	do	do	
1618	Abdan	do	do	
1620	Gangadhar Rinoray	II	Osnania High School, Parbhani	
1622	Mohd. Abdur Rasheed Khan			

No.	Name		Result	School
1624	Muhmood Ali Muhmood	:	II	do
1625	Yusuf Ali Khan Asad	:	III	do
1628	Shivajee Krundikar	:	III	do
1629	Chatarpathee	:	II	do
1631	Mohd. Abdul Hameed	:	II	do
1632	Vaman Trembuck Rao Khalikar	:	Completed	do
1637	Bala Ram Choudhry	:	do	do
1639	Mohammad Husain	:	III	do
1646	Vasant Borikar	:	III	do
1647	Bajeshwar Korundikar	:	III	do
1653	Sunder Lal	:	III	do
1656	Qazi Bashiruddin	:	II	do
1660	Digambar Bhasker Rao	:	III	do
1661	Baghunath Atolikar	:	III	do
1662	Dankarwaiday	:	III	do
1664	Raja Ram Tanksalay	:	III	do
1665	Datatri Dhonday Raj Kulkarni	:	Completed	do
1671	Ishwanth Itolikar	:	do	do
1673	Imamuddin	:	do	do
1674	Jalil Ahmad Khan	:	do	do
1677	Digambar Kale	:	do	do
1678	Mohd. Ibahim Khan	:	do	do
1679	Ganpat Jolekar	:	do	do
1685	Ratnakar Narain Rao	:	II	Osmania High School, Bir
1698	Ramchandar Rao Patwari	:	III	do
1699	Sakharam Livrikar	:	II	do
1700	Mohd. Yusuf Shareef	:	III	do
1701	Mohd. Abdus Satta Siddiqi	:	III	do
1603	Mohd. Amanath Ali Desmukh	:	Completed	Osmania High School, Mominabad
1721	Mohd. Ismail	:	II	Private
1728	Mohd. Mazharuddin	:	III	do
1743	Mohd. Abdul Qadir	:	III	do
1744	Lakshmi Narayan Somani	:		

Roll No.	Name	Class	School	Remarks
1770	Syed Shamsuddin	Completed	do	
1782	Sangammath Rao	do	do	
1793	Zaheeruddin Ahmad	do	do	
1801	Mohd. Rahmatulla	do	do	
1812	Babu Raja	do	do	
1813	Digambar Rao Kulkarni	do	do	
1814	Hiraman Rao Nalte	do	do	
1815	Witthal Aiknath Rao Inamdar	do	do	
1824	Vishwanath Deshpande	do	do	
1827	Rangnath Joshi	do	do	
1828	Mahboob Ahmad Kirmani	do	do	
1829	Mahd. Abdul Latif	do	do	
1831	Gopal Rao Deshmukh	do	do	
1832	Ambadas Rao Kenday Birkar	do	do	
1834	Keshav Rao Deshmukh	do	do	
1835	Lakshman Rao Sadawarthe	do	do	
1836	Jivan Rao Deshpandiya Purlikar	do	do	
1837	Raja Ram	do	do	
1838	Lakshmi Kant	do	do	
1839	Bhim Rao Naik	do	do	
1840	Syed Habib	Passed	do	
1841	Shaik Bashirtuddin	do	Osmania High School, Gulburga	
1850	Mohd. Husaini Jirnaidi	III	do	
1854	Syed Akbar Husain	II	do	
1858	Syed Najimuddin	II	do	
1862	Mohd. Sayeedul Hasan	III	do	
1864	Sangruppa	III	do	
1865	Bhim Rao	III	do	
1875	Venka Reddy	III	do	
1877	Sugappa Patel	III	do	

Year	Name	Class	School	
1879	Jai Rao	II		do
1880	Mohd. Khaja Husain	III		do
1881	Qutbuddin Khan F	III		do
1882	Mohd. Ibrahim Husain	II		do
1885	Mohd. Abdul Jalil	III		do
1890	Nisar Ahmad Bilgrami	II		do
1891	G. Raghunath Rao	III		do
1895	Mohammad Ali	III		do
1898	Omer Bin Mohammad	III		do
1899	Mohd. Khaja Ghulam Ghous	II		do
1902	Hari Rao Vishnupanth Pophlay	III		do
1903	Gangiah	II		do
1904	Bhimsen Venkat Rao Desai	III		do
1905	Gopal Chari	III		do
1906	Shanker Rao	II		do
1909	Rang Rao	III		do
1913	Bhalchandar Moramkar	Completed	Nautan Vidayala, Gulburga	do
1924	Mohd. Ibrahim	do		do
1925	Mohd. Abdushukoor Siddiqi	III		do
1936	Hohd. Sirajuddin	III		do
1938	Hameeduddin	II		do
1944	Ramchandar Tatiah Rao	III		do
1946	Hanmanth Kishen Rao	II		do
1947	Sambho Ramchander	III		do
1949	Gulab Chand	II		do
1951	Ramchandar Venkat Rao Koknur	III	Osmania High School, Yadgir	do
1956	Mohd. Qasim	II		do
1963	Aina	III		do
1968	Ghulam Ahmad	III		do
1969	Hanmanthappa	III		do
1970	Sadashivappa	Completed		do
1975	Shiv Linqiyya	do		do
1976	Kishen Rao			

Roll No.	Name	Class	School	Remarks
1987	Anwarul Islam	III	Private	
1994	Girnath Rao	III	do	
2011	Mohd. Osman Ali	Passed*	do	*In English only: Holder of Munshi Certificate.
2035	Mohd. Qasim Ali	Completed	do	
2044	Anwar Baig	do	do	
2045	Syed Fazil Husain Zaidi	do	do	
2048	Vishwanath Balram Patel Ashta	do	do	
2055	Mohd. Abul Hasan	do	do	
2056	Abdur Rahim Sagari	do	do	
2057	Syed Hafizulla Hussaini wa Chishti	do	do	
2058	Shesh Rao Parlhad	do	do	
2059	Phoolchand Raichurkar	do	do	
2060	Venkub Rao Albanurkar	do	do	
2061	Naayan Rao Bapurkar	do	do	
2062	H. Raghwainder Rao	do	do	
2063	P. Bhimuppa	do	do	
2066	Kaligamnath	do	do	
2067	Mohd. Qadir Mohinddin Ansari	do	do	
2068	Keshav Kishen Rao Deshpandiya Gaosudkar	do	do	
2069	K. Ram Rao	Passed	do	
2070	Mohd. Husain Ansari	do	do	
2071	Mohd. Rasheed Ahmad	do	do	
2072	Mohd. Niaz Ahmad Khan	II	Osmania High School, Warangal	In Theology only;
2073	Mohd. Mohiuddin Shah Khan	III	do	do
2079	Mohd. Shamsuddin	II	do	do
2085	Syed Mahboob Husain	II	do	
2087	Mohd. Afzul Mohiuddin	III	do	
2090	T. Sangera Swamy	III	do	
2092	Rangraj Ramchandar Rao	III	do	

2094	Syed Ghulam Dastagir	:	III	do
2095	Khaja Moinuddin Ahmad	:	II	do
2097	Mohd. Hameeduddin	:	II	do
2098	Mohd. Habibuz Zaman Khan	:	III	do
2100	G. Sudarshan Rao	:	III	do
2102	Syed Shah Abdur Rahman Qadri	:	II	do
2105	Shaikh Afzal Mohammad	:	III	do
2106	Hameed Shah Khan	:	III	do
2107	Busharat Ali Durrani	:	II	do
2108	T. Janardhan Reddy	:	II	do
2109	Otkar Sita Ram Rao	:	III	do
2110	S. Sriniwas Achariya	:	III	do
2112	T. Pandu Rang Swamy	:	III	do
2113	M. Rajanna	:	III	do
2114	M. Rajeshwar Rao	:	III	do
2117	Udhani Venkat Rajam	:	III	do
2118	C. Venkat Reddy	:	III	de
2120	R. Ram Krishna Reddy	:	II	do
2121	Pershutam Rao Owdhani	:	III	do
2122	T. Narsayya	:	II	do
2124	Kamhiya Lal Soni	:	II	do
2125	D. Mandi	:	Completed	do
2130	B. Venkatiah	:	do	do
2131	Syed Sajjad Ali	:	do	do
2133	Khaja Sadruddin Mujahid	:	II	Islamia High School, Mathwada.
2134	Mohd. Khaja Moinuddin	:	II	Osmania High School, Mathwada.
2136	K. Naranjan	:	III	do
2137	T. Madsudan	:	II	Osmania High School, Khamman
2138	Mirza Shakir Ali	:	II	do
2139	K. V. Krishnamurthy	:	II	do
2140	S. Sitaram Rao	:	III	do
2141	K. Srinivas Rao	:	II	do
2142	P. Ram Koteshwer Rao	:	II	

Roll No.	Name	Class	School	Remarks
2143	Mohd. Habibulla	II	Osmania High School, Khamman	
2148	Y. Nilkunth Rao	III	do	
2149	Ram Kishore	II	do	
2150	R. Lakshmiah	II	Osmania High School, Karimnagar	
2151	Mohd. Qamaruddin	II	do	
2153	K. Jagan Mohan Rao	III	do	
2154	D. B. Kishen Rao	III	do	
2155	P. Bal Narsiah	II	do	
2157	K. Padmiah	II	do	
2161	Ahmad Mahiuddin	II	do	
2165	T. P. Kappu Swamy Pillay	II	do	
2166	G. K. Srinivas Aiyangar	II	do	
2169	Shaikh Qabil Husain Qudwai	Completed	do	
2170	Ghulam Sarwar	III	Osmania High School, Jagtial	
2171	Mohd. Abdul Waheed	III	do	
2172	Khan Mohammad Khan	II	dc	
2173	Mohd. Abdur Rahman	II	do	
2174	Mohd. Ghousuddin	II	do	
2175	Y. Venkat Rao	III	do	
2176	P. Venkatesham	Completed	Osm. Girl's High School, Hanamkonda	
2181	Mustafa Begum	III	Private	
2190	D. Pershutam	Completed	do	
2214	E. Nilkunth Rao	do	do	
2226	Totam Srinivas Rao	do	do	
2227	Chadela Naghoshnam	do	do	
2228	A. Babu Rao	Passed	do	
2229	Ghulam Dastagir	do	do	In Theology only?
2230	Mohd. Amanulla Khan	do	do	do
2231	Ghous Mohiuddin	do	do	do
2232	Mohd. Abdul Gafoor Siddiqi	do	do	do

2233	Mohd. Sarwar Khan	do	:	Private do Bhopal
2235	Mohd. Sayeed Khan	II	:	do
2236	Irshad Ahmad	III	:	do
2238	Noorbaz Khan	III	:	do
2243	Mohd. Farooq Ansari	Completed	:	do
2244	Muhmood Raza Taimuri	do	:	do
2246	Syed Ahmad	do	:	do
2247	Mian Mir Mohammad Khan	do	:	do
2253	Maqbool Hasan Khan	do	:	do
2254	Mohammad Hamidulla		:	do

MATRICULATION EXAMINATION 1348 F. (1939).

Roll No.	Name		Class	School	Remarks
2233	E. V. Ram Reddy	..	I	Osmania High School, Warangal	
370	Syed Qubululla Husaini-ul-Barqi	..	I	Anwarul Uloom High School	
450	Shaik Mahboob	..	I	Osmania High School, Nirmal Nampalli	
2337	M. Venkateshwar Rao	..	I	Osmania High School, Jagtial	
761	Syed Muslehuddin Ahmad	..	I	Osmania High School, Parbhani	
2215	Mahboob Alam	..	I	Osmania High School, Warangal	
698	Balbhim Rao Tambarvy	..	I	Osmania High School, Osmanabad	
2338	V. Swami Reddy	..	I	Osmania High School, Jagtial	
2335	Mohd. Abdul Khaliq	..	I	do	
1984	Abul Faiz Mohammad Abdul Qayyum	..	I	Osmania High School, Yadgir	
2074	Vishwenath Nilangakar	..	I	Private	
2295	E. Gopal Rao	..	I	Osmania High School, Khammam	
415	Mohd. Zainul-Abideen	..	I	Osmania High School, Medak	
2316	Mohd. Gaziuddin Faheem Siddiqi	..	I	Osmania High School, Karimnagar	
1941	Mohd. Abdur Rahim Inamdar	..	I	Osmania High School, Ghulbarga	
1980	Mohd. Abdul Gani Sagri	..	I	Osmania High School, Yadgir	
453	Lokia Naidu	..	I	Osmania High School, Nirmal	
1948	K. Maddanna	..	I	Osmania High School, Gulbarga	
2255	R. Balakrishnam	..	I	Osmania High School, Warangal	
310	Mohammad Akhtar	..	I	Osmania High School, Darush Shifa	
2300	Mohd. Ghous Mohiuddin	..	I	Osmania High School, Khammam	
435	Mohd. Ishaquddin	..	I	Osmania High School, Nirmal	
2314	Bashiruddin Ahmad	..	I	Osmania High School, Karimnagar	
456	P. Ramanja Chari	..	I	Osmania High School, Nalgonda	
50	Abdul Hamid	..	I	Osmania High School, Aurangabad	
1	Ghulam Samdani	..	II	Osmania High School, Darul Uloom	

2	Ghulam Mohiuddin	: :	III	do
3	Mohammad Shafi	: :	II	do
4	Abdul Aziz Khan	: :	II	do
5	Mohd. Abdul Hafiz Khan	: :	II	do
9	Syed Ghous Mohiuddin	: :	II	do
10	Omar Bin Abdulla	: :	II	do
12	Syed Qudratulla	: :	III	do
14	Shaik Hyder Maher	: :	III	do
15	Mohd. Qutbuddin	: :	II	Osmania High School, Chunchalguda
16	Abud Bin Salim	: :	II	do
17	Mohammad Abdul Haq	: :	II	do
18	Mohammad Abdur Rashid	: :	II	do
19	Abu Mohammad Syed Khaja Moinuddin Ahmad-ul-Husaini	: :	II	Osmania High School, Nalgonda
20	Mohammad Musaheb Ali	: :	II	do
21	Mohd. Jamaluddin	: :	II	do
22	Mohd. Mansur Khan	: :	II	do
23	Mohd. Mansab Ali Khan	: :	II	do
26	Mohd. Abdul Gaffar Khan	: :	II	Bidar High School
27	Mohd. Ismail Rafiq	: :	II	do
28	Mohd. Muzammil Khan Durrani	: :	II	do
29	Syed Zainuddin Hashimi	: :	II	do
30	Syed Ahmadulla Hashimi Udgiri	: :	II	do
32	Mohd. Abdulla	: :	II	Osmania High School, Raichur
33	Mohammad Asifuddin	: :	III	Osmania High School, Parbhani
42	Mohd. Sadiq Ali	: :	Completed	Private
43	Ghousuddin	: :	do	do
44	Mohd. Afzal	: :	do	do
47	Mirza Muhmood Ali Baig	: :	do	do
48	Mirza Nurul-Islam Siddiqi	: :	do	do
49	Mohd. Abdul Majid	: :	do	Osmania High School, Aurangabad
51	Ahmad Bin Ali	: :	II	do
53	Mirza Liakat Ali Baig	: :	III	

Roll No.	Name	Class	School	Remarks
54	Shaik Muhmood	III	do	
58	Syed Imdadulla Ahmad	III	do	
61	Muhammad Yusuf	II	Osmania High School, Gulburga	
62	Muhamed Abdul Qadir Quraishi	II	do	
66	Khaja Munir Ahmad	Completed	Islamia High School, Mathwada	
67	Zia Ali	II	City High School, Balda	
68	Nasrulla	II	do	
69	Hibtulla	III	do	
70	Hamid Ali	III	do	
71	Syed Abdulla	II	do	
72	Akbar Husain	III	do	
73	Mazhar Ali Sharif	III	do	
74	Mohd. Moinuddin Hasan	III	do	
75	Mohd. Fazil Quraishi	II	do	
77	Mir Wajid Ali	III	do	
78	Kamaluddin Ahmad	III	do	
79	Mohd. Anwar Ahmad Siddiqi	II	do	
81	Syed Ghulam Samdani Naqvi	II	do	
82	Syed Khaja Muzaffaruddin	II	do	
83	Syed Mohammad Musa Qadri	II	do	
84	Mihd. Muniruddin	II	do	
87	Mirza Abdul Aziz Baig	II	do	
89	Mohd. Abdus Salam Khan	II	do	
90	Mohd. Wahiduddin	II	do	
92	Syed Hamid Hasan Abidi	II	do	
93	Syed Asghar Ali	III	do	
94	Syed Mohammad Jawad Razvi	II	do	
95	Syed Mohiuddin Ahmad	II	do	
96	Afsar Alam	II	?o	
97	Mohd. Wajhuddin Abid	II	do	

103	Mohd. Muslehuddin	II	do
104	Sarvatam Bala Chari Karhaday	II	do
105	Vishwanath Rao Kalyani	II	do
108	Gangadhar Rao Mulajkar	II	do
110	A. Datatri Rao	II	do
111	Visho Umbhar Rao Saraday	III	do
112	Ramchandar Rao Kalyani	III	do
113	M. Shamsuddin Quraishi	II	do
116	Mohd. Virasat Ali	III	do
118	Abdul Majid Khan	II	do
124	V. Balkishen Rao	III	do
125	Narain Rao Kulkarni	II	do
126	Syed Mohammad Abbas	III	do
128	Habib Mohammad	III	do
129	Shankar Rao Kashikar	II	do
130	Syed Iqbal Husain Razvi	II	do
131	Mohd. Abdur Rauf Faruqi	II	do
134	Syed Moin Alam	III	do
135	Siddiq Ahmad	II	do
136	Shaik Ahmad	II	do
137	Syed Husain	II	do
138	Syed Safiulla	III	do
139	Syed Mohammad Askhar	II	do
140	Syed Sayeeduddin Ahmad	II	do
141	Hasanuddin Ahmad	II	do
142	Syed Iqbal Husain	II	do
143	Mujaddaduddin Mohamed Jafar	II	do
144	Syed Kalihulla	II	do
145	Mahboob Ali	II	do
147	Ali Bin Omar	III	do
150	Mohd. Abdur Rahman Khan	II	do
152	Ahmad Narul-Mustafa Suharwardi	II	do
153	Mohd. Abdul Husain	II	do

Roll No.	Name	Class	School	Remarks
155	Mahboob Hosain	II	do	
158	K. Narain Rao	II	do	
159	Narain Rao Subnawis	II	do	
163	Witthal Rao	II	do	
164	Sri Dhar Pershad	II	do	
165	Bhaghwan Pershad Misra	III	do	
166	Gajanun Rao	II	do	
167	Anant Rao Phatak	II	do	
170	Mohd. Muhamood Ali	II	do	
171	Sultan Mohinddin Ahmad Faroqi	III	do	
172	Mir Ahmad Ali	II	do	
174	Mohd. Abdul Qadir	II	do	
175	Shaik Amiruddin Husain	II	do	
176	Hohammad Ali	III	do	
177	B. Ishwar Rao	III	do	
178	Mir Yusuf Ali	III	Osmania High School, Darul Uloom	
179	Mohammad Ali	II	do	
180	Syed Wajid Ali Wajid	II	do	
182	Mohammad Ibrahim	III	do	
184	Mohd. Khaja Moinuddin Quraish	II	do	
190	Mir Sharfuddin	III	do	
192	Mirza Abul Hasan	III	do	
193	Mohd. Mohiuddin	II	do	
194	Ahmad Ali	II	do	
195	Syed Ahmad Ali	III	do	
197	Syed Sayeeduddin Ahmad	II	do	
198	Syed Shamsul Hasan	II	do	
199	Mohd. Muslehuddin Faruqi	II	do	
202	Qazi Mohammad Gaziuddin Ahmad	II	do	
203	Nasir Mohammad	II	do	

No.	Name		Class	Institution
204	Syed Nooral Huq	...	II	do
205	Ghulam Mohammad	...	II	do
208	Mohd. Karimuddin Siddiqi	...	II	do
210	Mohd. Fazlur Rahman	...	II	do
213	Mohd. ajid Husain Quraishi	...	III	do
214	Mohd. Sayeeduddin	...	III	do
215	Zafar Ali Khan	...	II	do
217	Syed Mohiuddin	...	II	do
218	Munawar Husain	...	II	do
219	Sultan Shah Nawaz Khan	...	III	do
220	Syed Abdulla Husaini	...	III	do
221	Mir Mohiuddin Ali	...	II	do
222	Mohd. Afzalur Rahman	...	II	do
224	Mohd. Abdul Bari Khan	...	III	do
231	P. Krishna Reddy	...	II	do
232	Narayan Pershad	...	II	do
235	Ghulam Qadir Quraishi	...	II	do
238	Mir Hasan Ali	...	II	do
239	Mohd. Abdul Majid	...	II	do
240	Mohd. Osman	...	III	do
241	Syed Abdus Sattar	...	II	do
244	Mohd. Abdul Mujeeb Ansari	...	II	Osmania High School, Nampalli
247	Mohd. Qutbuddin Khan	...	II	do
250	Syed Bashir Mohinddin	...	II	do
251	Mohd. Azizuddin Khan	...	II	do
254	Syed Fazalur Rahman	...	II	do
255	Mohd. Yaseen	...	II	do
256	Mohd. Raziuddin Quraishi	...	II	do
258	Syed Ahmad	...	II	do
259	Masudul Hasan Afandi	...	II	do
260	Khush-hal Singh	...	II	do
261	Syed Abdul Aziz Razvi	...	II	da
262	Gopal Rao	...	II	do

Roll No.	Name		Class	School	Remarks
263	K. Sri Hari	...	III	Osmania High School, Nampalli	
264	Baj Reddy	...	III	do	
265	A. Lakshmi Narain Rao	...	III	do	
267	A. Sathya Narain Rao	...	II	do	
270	Mir Momin Ali	...	III	do	
271	Mohd. Qadiruddin Ahmad	...	II	do	
273	Mohd. Abdur Rashid	...	III	do	
276	Mohd. Ghousuddin	...	II	do	
277	Mohd. Taher Ahmad	...	II	do	
278	Mohd. Abdul Khaliq	...	II	do	
279	Mohd. Moimuddin	...	II	do	
280	Khaja Shamsuddin	...	II	do	
281	Ishwant Rao Sarouday	...	II	do	
282	Shankarappa	...	II	do	
283	K. Radhakishen Rao	...	II	do	
284	B. Venkat Ram Rao	...	II	do	
286	Bhimsen Rao Piyati	...	II	do	
287	S. Narain	...	II	do	
289	Bansi Lal	...	II	do	
290	Ram Manohar Tiwari	...	II	do	
292	Raghonath Rao	...	II	do	
294	Mir Shujaat Ali	...	II	do	
295	Kishen Rao Gunhalkar	...	II	do	
298	Nazir Ahmad	...	Completed	do	
302	Mohd. Abdul Hamid	...	II	Osmania High School, Darush-Shafa.	
304	Mohd. Habibuddin Ahmad	...	II	do	
308	Mohd. Saadat Ali	...	II	do	
309	Ghulam Omar Khan	...	II	do	
311	Syed Darwesh Mohiuddin	...	II	do	
312	Fayazuddin Ahmad	...	II	do	

No.	Name		Class	School
313	Syed Zahzibal Hasan Zaidi	: :	II	do
315	C. Venkat Reddy	: :	II	do
316	M. Ramchandra Reddy	: :	II	do
317	Raghonath Rao	: :	II	do
318	Syed Mohammad	: :	Completed	do
319	Moineddin Khan	: :	do	do
322	Mohd. Tilawat Ali	: :	II	Osmania High School, Chanchalguda
325	Mohd. Hanif	: :	III	do
327	Abdur Rahman Muhajir	: :	II	do
332	Syed Yakoob	: :	II	do
335	Shaik Ahmad	: :	II	do
335	Mohd. Jafar Ali	: :	II	do
338	Khaja Aminuddin	: :	II	Asafia High School, Malakpet
339	Abdul Majid Khan	: :	II	do
340	Mahdi Husain	: :	II	do
341	Qazi Khurshiduddin	: :	II	do
342	Qazi Syed Abdul Gani	: :	II	do
347	Mohd. Shafi	: :	Completed	do
348	Mohd. Salabatulla Khan	: :	III	Anwarul Uloom High School Nampalli
349	Syed Ismail Qaisur Hashimi	: :	II	do
352	Shaik Mohammad	: :	III	do
353	Mohd. Abdul Wahed Khan	: :	II	do
356	Mohd. Husain Khan	: :	II	do
359	Mohd. Yasin Khan	: :	III	do
360	Mohd. Abdur Rahman	: :	III	do
362	Khaja Mohiuddin Ahmad	: :	III	do
363	Sheesh Rao Patki	: :	II	do
368	Yusuf Husain	: :	II	do
369	Mohd. Yakoob Khan	: :	II	do
37?	Mohd. Khurshid	: :	II	do
373	Mohd. Yakoob	: :	III	do
375	Mohd. Abdur Bashid	: :	II	do
376	Syed Ghous Mohiuddin	: :	II	do

Roll No.	Name	Class	School	Remarks
377	Amir Ahmad Faruqi	III	do	
378	Mohd. Qamaruddin	II	do	
379	Venkat Kishen Rao	II	do	
381	Bakhtawar Singh	II	do	
383	Pandit Rao Bhusikar	III	do	
384	B. Shankar Rao	Completed	do	
388	Ghulam Yusuf Siddiqi	Completed		
394	Moinuddin Khan	II	Osmania High School, Medak	
395	Mohd. Fakhruddin Ahmad	II	do	
397	Mohd. Khuja Qutbuddin	II	do	
399	N. Gopal Rao	II	do	
400	M. Narsimha Reddy	II	do	
402	C. Naghbhoshanam	III	do	
403	M. Ratnayya	II	do	
404	B. G. Balagoth	III	do	
405	N. Lakshmia	III	do	
408	Shankrayya	II	do	
409	M. Witthal Rao	II	do	
411	K. Ram Rao	II	do	
412	K. Suriya Narain Rao	II	do	
413	Venkat Ramchandra. Reddy	II	do	
416	Mohd. Abdul Majid	II	do	
417	Mohd. Zaheer Ahmad	II	do	
418	Mohd. Jalilur Rahman	II	do	
419	Chandrakant Sridhar Godebolay	II	do	
420	P. Raghvendar Rao	III	do	
421	S. Narain Reddy	II	do	
423	N. R. Ramkrishna Reddy	II	do	
424	M. Witthalya	II	do	
426	Satti Siv Rao	Completed	do	

No.	Name		Class	School
429	S. Lakshmi Pati Rao	..	Completed	do
431	Mir Hafizullah Gulshani	..	do	do
432	Mohd. Altaf Ahmad Bilgrami	..	do	do
433	Mohd. Abdul Hameed	..	do	do
436	Mohd. Turabuddin	..	III	Osmania High School, Nirmal.
437	Mohd. Khaja	..	II	do
438	Mohd. Arif Khan	..	II	do
439	Shahedul Qadir	..	II	do
440	Datatri Rao	..	II	do
441	Ganpat Rao	..	II	do
442	Narain Rao	..	II	do
446	Mohd. Abdulla	..	II	do
447	Mohd. Ibrahim	..	III	do
449	Shaik Mohammad	..	II	do
452	K. Kishtia	..	II	do
454	Mohd Abdus Salam Quraishi	..	Completed	do
457	Venkat Ram Rao	..	II	Osmania High School, Nalgonda.
458	K. Sangra Chari	..	III	do
462	K. Bammohana Chari	..	II	do
463	Syed Alimuddin	..	II	do
464	Mohd. Abdul Munir	..	II	do
465	Kunwa Mohammad Hanif Khan	..	II	do
466	Mohd. Ahmad Husain	..	III	do
467	N. Janki Ram Rao	..	III	do
468	K. Krishnama Chari	..	III	do
469	Satrai Malar	..	II	do
471	N. Papayya	..	III	do
472	A. C. Balkrishna Naidu	..	II	do
473	M. Janki Raamulu	..	Completed	do
474	Ahmad Abdul Quddus	..	III	Osmania High School, Bidar.
475	Syed Muzaffar Husain	..	II	do
476	Syed Husain Qadri	..	II	do
477	Mir Ahmad Ali			do

Roll No.	Name	Class	School	Remarks
480	Syed Mahmood Shah Hashimi	III	Osmania High School, Bidar.	
481	Syed Nur Shah Hashimi	II	do	
484	Syed Mir Shah Hashimi	II	do	
485	Mohd. Abdul Baqi Latif	III	do	
486	Banduppa	III	do	
487	Shabrangdhar Joshi	II	do	
488	M. Jagannath Rao Nilgirkar	II	do	
489	S. Dharam Rao	II	do	
492	Shaik Mahboob Quraishi	III	do	
493	Ahmad Abdur Rahim	III	do	
494	Manich Rao Hallikar	III	do	
496	Mohd. Abdul Haseeb Siddiqi	II	do	
498	Ghulam Shabbir Ahmad	II	do	
499	Ahmad Rashiduddin Arshad	II	do	
500	Mohd. Abdul Majid Zubairi	III	do	
501	Mohd. Abdus Sattar	II	do	
502	Nagshetty	II	do	
503	Kishen Rao Kerdokar	II	do	
504	S. N. Reddy	II	do	
506	Keshev Rao Boralkar	II	do	
507	D. Balwanth Rao Patel	II	do	
508	B. Kishen Rao Patwari Nandgoankar	III	do	
509	Vasant Rao	II	do	
510	Jagpal Singh	II	do	
511	Khaja Mohammad Mohinddin Siddiqi	III	do	
516	Syed Qamaruddin Qamar	Completed	do	
520	Mohd. Abdul Hameed	do	do	
521	Syed Syed Sakhawat Husain	do	do	
525	Gunday Rao G. Janwarkar	do	do	
526	Mohd. Abdur Rahman	do	do	

No.	Name		Class	School
527	Mohd. Abdul Gafoor Haqqani	:	do	Osmania High School, Mahboobnagar
528	Mohd. Ghous	:	II	do
529	Mohd. Lutfulla Siddiqi	:	II	do
530	Mohd. Maqsoodi Ali	:	II	do
531	Ali Bin Muhmood	:	II	do
532	Mohd. Bukmuddin	:	II	do
533	N. Janki Ram Rao Kulkerni	:	II	do
534	M. Ramaxma	:	III	do
535	Balkishtia	:	II	do
536	Hari Charan Singh	:	II	do
538	Abdul Husain	:	II	do
539	Abu Bakr Bin Siddiq	:	II	do
540	Mohd. Ahmad Chincholavi	:	II	do
541	K. Anmt Reddy	:	II	do
542	Janki Ramulu	:	III	do
543	K. Ramulu	:	II	do
544	Venkayya	:	II	do
545	Mohd. Ahmad	:	Completed	
546	T. Venkat Ramayya	:	do	Osmania High School, Nizamabad
547	Ghulam Ghous	:	III	do
548	Syed Akbar. Ali	:	II	do
550	Mohd. Burhamuddin Siddiqi	:	II	do
552	Mohd. Abdur Rahnm Khan Vilayat.	:	II	do
553	Khaja Moinuddin Abid	:	II	do
556	Syed Latafat Ali	:	II	do
558	Venkat Bummayya	:	II	do
559	Mohd. Abdur Bauf	:	II	do
560	Mohd. Ibrahim	:	II	do
562	Jagannath Rao Rajurkar	:	III	do
565	Shankar Rao Amilgaikar	:	III	do
566	Ishwanth Rao	:	II	do
567	G. Haumanth Reddy	:	II	do
568	V. Narsing Rao	:	II	do

Roll No.	Name		Class	School	Remarks
569	K. P. Rajayya	:	II	do	
574	Mohd. Salahuddin Ansari	:	II	do	
575	Ahmad Abdur Rahim Latifi	:	III	do	
577	Vitthal Rao Bhensakar	:	II	do	
578	M. Khakayya Bodhankar	:	III	do	
580	Kishen Rao Soankar	:	II	do	
581	C. H. Chinna Reddy	:	II	do	
582	M. Hanmanth Rao	:	III	do	
583	R. Madav Rao	:	III	do	
584	Sita Ram Dhopeshwarkar	:	II	do	
586	Nala Srinivas Reddy	:	III	do	
587	M. Hanmanth Reddy	:	II	do	
588	Nala Narsihwan Reddy	:	III	do	
589	Ramchandar Rao Morfadkar	:	II	do	
590	Sadashiv Rao Paugny	:	II	do	
591	E. Narsagood	:	III	do	
592	Bangnath Rao Banajee	:	II	Completed	do
595	Mahboob Ahmad Khan	:	do	do	
599	Habib Ahmad	:	do	do	
600	C. Hanmanth Reddy	:	do	do	
601	Syed Nawabuddin	:	do	do	
602	Mohd. Abdul Hafiz Khan	:	do	do	
603	Mohd. Abdul Waheed	:	do	do	
605	Mohd. Siddiq Khan	:	do	do	
606	Manohar Rao Patwari	:	do	do	
607	Rejeshwar Reddy Gowardhan	:	do	do	
609	Mohd. Ziauddin	:	II	Osmania High School, Nanded	
611	Vitthal Rao	:	II	do	
612	Renoka Das Gaugakerker	:	II	do	
613	Tuka Ram Amarchand Lohia	:	III	do	

614	Narain Das	..	III	do
615	Goind payriker	..	III	do
616	Vitthal Borundkar	..	III	do
617	Vaman Rao	..	II	do
619	Damudar Lathkar	..	II	do
620	Nagu Rao Nushinday Aniapurkar	..	II	do
621	Venkatesh	..	III	do
622	Keshav Rao	..	III	do
624	Mohd. Abdul Ala	..	II	do
627	Govind Rao Dahuray	..	II	do
629	Ganesh Rao Pandurang Rao Mukherkar	..	III	do
630	Pandit Rao	..	II	do
631	Gangadhar Telki Kersmanth	..	II	do
632	Ganpat Sharangdhar	..	II	do
634	Mohd. Sirajuddin	..	Completed	do
635	Mohd. Abdul Qadir	..	do	do
636	Mohd. Abdul Gani	..	do	do
637	Narain Rao	..	II	do
638	Palbhakar Malhar Rao Khoth	..	III	do
640	Ghulam Hyder	..	Completed	do
642	Mohd. Abdul Hafiz Siddiqi	..	II	Osmania High School, Mominabad.
646	Narkhar Rapatwar	..	III	do
647	C. R. Krishnaswami	..	II	do
648	Raja Singh	..	II	do
649	Mohd. Abdul Gani	..	II	do
650	Mohd. Nawaz Khan	..	Completed	do
651	Syed Khaja Osman	..	do	do
652	Mohd. Abdul Aziz Siddiqi	..	do	do
657	Iftikar Ahmad Quraishi	..	do	do
658	Goind Rao Karkhanay	..	do	do
660	Vasant Deshpandey	..	II	Yogeshwari Nautan Vidyala High School, Mominabad.
661	Murlidhar Soaman	..	II	do
665	Panduek Kulkerni	..	II	do

Roll No.	Name	Class	School	Remarks
666	Vinayak Rampurkar	II	do	
670	Digambar Joshi	II	do	
671	Ram Rao Deshpanday	II	do	
672	Balwant Kulkerni	II	do	
673	Gogal Deshpanday	II	do	
674	Venkatesh	II	do	
675	Damudhar Rao	III	do	
676	Shankar Rao Manathkar	II	do	
677	Digambar Deshpanday	Completed	do	
678	Lakshman Kapsay	II	do	
679	Mahaduppa	II	do	
680	Vanan Rao Fotedar	II	do	
682	Chandar Shikharnand Kishore Wajpaiti..	II	do	
683	Shankar Rao Sethkar	II	do	
684	Madav Rao Kulkerni	Completed	do	
686	V. Kishta Reddy	II	High School, Samisthan Waupaiti	
687	Shaik Mohammad	III	do	
688	G. Lachmi Reddy	II	do	
689	P. Shesha Cluri	II	do	
690	V. Sanqat Kumar Achari	Completed	do	
700	Balkishen Sonaji Kulkarni	II	Osmania High School, Osmanabad	
701	Ram Daulat Rao Khaladkar	II	do	
702	Kishen Bhovandas Rao Patki	II	do	
705	Pandit Goind Rao Adgeomkar	III	do	
708	Venkatesh Mahajan	II	do	
709	Syed Hamid Husaini	II	do	
710	Thakur Lakshman Rao Deshmukh	II	do	
711	Adhu Bao Patel	II	do	
712	Vasant Pandhrinath Patwari	II	do	
713	Shahjee Rao Khanday Rao Nambalkar	III	do	

No.	Name		Standard	School
714	Kundelba	..	II	do
717	Mohd. Karimuddin	..	Completed	do
721	Mohd. Osman Landgay	..	II	Osmania High School, Raichur
723	Shah Hameed Ali	..	III	do
724	Mohd. Bashiruddin	..	II	do
726	Mohd. Abdul Hai	..	III	do
728	Mohd. Bashiruddin Yargiri	..	II	do
729	Abdul Ali Khan	..	Completed	do
730	Mohd. Abdur Rahman Wahed.		III	do
731	Narsing Rao Kallorekar		III	do
739	Haji Ahmad Khan		II	Osmania High School, Parbhani
745	Tirambak Parvikar		III	do
746	Bhagwan		II	do
752	Hira Lal		III	do
753	Krishna Mangikar		III	do
754	Sripad Desai		II	do
755	Tirambak Amrikar		III	do
756	Bemka Das Mahajan		II	do
757	Adhu Methikar		III	do
758	Sada Shiv Sadhu		II	do
762	Mohd. Abdul Gani		III	do
765	Vasant Vijapurkar		III	do
766	Digambar Lakhakar		III	do
767	Sundar Pedgoankar		II	do
768	Balayya		II	do
769	Vitthal Phatak		III	do
771	Vasdev Rao Dharmapurkar		II	do
772	Bhiku Lal		II	do
775	Gopal	..	II	do
777	Rai Bishwarnath Bhargav		II	do
778	Goind Ramchandar Rao Sar Deshpanday.		II	do
779	Lakshman		II	do
780	Hari Har Vaid		II	do

Roll No.	Name	Class	School	Remarks
781	Lakshmi Kant Moladekar	III	Osmania High School, Parbhani	
782	Vasant Bismatkar	II	do	
783	Ghngadhur Charthanakur	II	do	
784	Datutri Vangikar	III	do	
786	Mohd. Qamaruddin Ahmad	II	do	
788	Gopinath Ghadgay	II	Girls' High School, Nampalli	
790	Zainab Begam	II	do	
791	Nazir Fatema	III	do	
793	Badr Jahan Begam	II	Womens' Training High School, Balda	
797	Aisha Hasan	III	do	
798	Qadiuunnisa Begam Faruqi	III	do	
799	Mahmooda Begam Quraishi	III	do	
800	Sayeeda Mahsun	Completed	do	
807	Kuniz Fatema	II	Girls High School, Machhlikaman	
809	Halimunnisa Begam	III	do	
810	Khurshidunnisa Begam	III	do	
812	Bilqis Begam	Completed	Private	
833	Sayyida Khadeeja Begam	do	do	
834	Sayeeda Muzhar	do	do	
836	Badrunnisa Begam	do	do	
837	Zuhra Begam	do	do	
839	Zakia Begam	do	do	
840	Sughra Begam	do	do	
841	Aziz Fatema	do	do	
842	Anwari Begam	do	do	
843	Kubra Begam	do	do	
844	Iqbalunnisa Begam	do	do	
835	Fatema Begam Razvi	do	do	
846	Ashrafunnisa Begam	do	do	
890	Wahajuddin Ahmad	III	do	

No.	Name			
905	Syed Abdul Gafoor	..	III	do
910	Nazir Hussain Siddiqi	..	II	do
912	Mohd. Qadir Ali Khan Amazai	..	III	do
913	Noor Ahmadi Sarkash Zubairi	..	III	do
923	VishombharRao Dagolkar	..	II	do
936	Shanker Rao	..	II	do
946	Lakshmi Kant Rao Chintawar	..	III	do
948	Rajeshwar Krundikar	..	II	do
949	Sadashiv Rao Yaldarkar	..	III	do
954	K. Srinivas Chari	..	III	do
956	R. Satiya Narain	..	II	do
960	A. Nag Beddy	..	III	do
974	Syed Jahangir	..	III	do
996	Mohd. Abdul Alim Moinabadi	..	III	do
1009	Mohd. Wahiduzzaman Ab Khan	..	II	do
1015	Syed Abbas	..	III	do
1019	Ghulam Dastagir	..	III	do
1027	S. Pota Godh	..	II	do
1030	M. Venkat Ram Narsihwan Chari	..	III	do
1032	B. Rajeshwar Rao	..	III	do
1033	D. Venkat Shushia	..	II	do
1035	D. Narain Reddy	..	II	do
1046	Mohd. Jamal Ali	..	III	do
1049	Mir Sultan Ali	..	III	do
1050	Mirza Mohammad Ali Raig	..	III	do
1053	K. Hanmanth Rao	..	III	do
1054	Dhonderaj Lohikar	..	II	do
1065	S. Anant Reddy	..	Completed	do
1077	Ram Rao	..	do	do
1090	Syed Abdul Hafiz Hashimi	..	do	do
1230	Mohd. Nasrulla Khan	..	do	do
1232	G. Krishna Reddy	..	do	do
1234	Neeminath Rao Tuljapurkar	..	do	do

Roll No.	Name	Class	School	Remarks
1236	Mukander Reddy	Completed	Private	
1239	Mohd. Abdul Gani	do	do	
1254	Mohd. Abdul Wahid	do	do	
1255	Mohd. Abdul Gafoor	do	do	
1257	B. Sriniwas Rao	do	do	
1260	Shaikh Abdul Halim	do	do	
1263	Ghulam Murtaza Husain	do	do	
1265	Mhod. Majidulla Khan	do	do	
1274	Bhim Rao Patki	do	do	
1275	Nizamuddin Mahmood Feruqi	do	do	
1286	Bhim Rao Patel	do	do	
1289	Ghulam Sundani	do	do	
1291	Mohd. Sarandaz Khan	do	do	
1292	B. Ramchandra Reddy	do	do	
1293	Datatri Rao Sarsar	do	do	
1294	Narain Rao Pathrikar	do	do	
1295	Kunda Reddy	do	do	
1297	Ram Pershad	do	do	
1299	B. Anant Reddy	do	do	
1303	Ghulam Afzal Khan	do	do	
1305	A. Ram Rao	do	do	
1306	Mohd. Sharif Khan	do	do	
1314	Gurunath Rao	do	do	
1323	Jagannath Rao Moray	do	do	
1328	Mohd. Ashfaq Siddiqi	do	do	
1332	Sita Ram Rao Joshi	do	do	
1333	V. Sri Ramlu	do	do	
1335	Vyus Bao Pathrikar	do	do	
1336	Niorti Narkar Rao Mohitey	do	do	
1337	V. Madhwayya	do	do	

1338	Mir Hidayat Ali	...	do	do
1339	Muzaffar Husain	...	do	do
1344	P. Banglah Naidu	...	do	do
1346	Mohd. Nizamuddin	...	do	do
1347	Gopal Rao Vangrikar	...	do	do
1348	Mahboob Ali	...	do	do
1351	M. Narain	...	do	do
1353	Khaja Abdul Hai	...	do	do
1361	V. Venkatesham	...	do	do
1362	Syed Amir	...	do	do
1365	Mir Yusuf Husain	...	do	do
1368	Abdul Rahim Khan	...	do	do
1372	Wahabuddin Ahmad	...	do	do
1373	Irama	...	do	do
1376	Mohd. Abdul Latif	...	do	do
1377	Syed Rasnak Ali	...	do	do
1380	Shaik Salam Bin Bubakr	...	do	do
1383	Mohd. Nizamuddin Wahid	...	do	do
1386	Nam Div Rao Yadu	...	do	do
1397	Narain Rao Deshpandiya Purlikar	...	do	do
1403	Govind Rao	...	do	do
1405	Mohd. Bashir Ahmad Khan Bashir	...	do	do
1409	Mohd. Abdul Latif	...	do	do
1410	Mohd. Bakhtiar Siddiqi	...	do	do
1411	Mirza Mohammad Ali Baig	...	do	do
1414	Mohd. Aliuddin Khan	...	do	do
1417	Narain Rao Madkhadkar	...	do	do
1420	Mohd. Abdus Sattar	...	do	do
1421	Mohd. Ahmadulla Khan	...	do	do
1424	Nagesh Rao Joshi	...	do	do
1425	Abunasr Mir Fariduddin Hussain-ul-Maaz..	...	do	do
1427	Sham Kishen Rao	...	do	do
1434	Mohd. Abdul Hai Quraishi	...	do	do

Roll No.	Name.	Class	School	Remarks
1437	Shaik Chand	Completed	Private	
1438	Bhagwan Dafnay	do	do	
1441	Hanmanth Kulkarni	do	do	
1442	Vivjay Shankar	do	do	
1451	Vasant Karhaday	do	do	
1455	Syed Ahmad	do	do	
1457	Mohd. Asadulla	do	do	
1463	Syed Ghulam Jilani Osavi	do	do	
1465	Vitthal Rao Bhogaonkar	do	do	
1467	Shaik Hyder	do	do	
1469	Mohd. Izzatulla Siddiqi	do	do	
1470	Mohd. Abdul Gafoor Farooqui	do	do	
1472	Mohd. Zuhooruddin Hassan	do	do	
1473	Manohar Deshpanday	do	do	
1478	Syed Nooruddin	do	do	
1480	J. Mohd. Ziauddin	do	do	
1481	J. Nand Kishore	do	do	
1489	Mohd. Abdul Aziz Faruqi	do	do	
1493	Ahmad Sharif	do	do	
1495	Mohd. Aijaz Husain	do	do	
1496	Mohd. Habibuddin Sadiq	do	do	
1497	Mohd. Faizuddin	Passed	do	
1500	Mohd. Afzaluddin Madholi	Completed	do	
1501	Nilkunth	do	do	
1507	Syed Nizamuddin Husaini	do	do	
1508	Parvashotam Rao Kanadkar	do	do	
1510	Gangadhar Rao Deshmukh Bhomkar	do	do	
1511	Narain Rao Gangapurkar	do	do	
1514	Janardhan Rao Vivharay	do	do	
1515	Shaik Ahmad Ansari	do	do	

1516	Venkatesh Rao	...	do	do
1517	Mohd. Azizulla Sharif Aziz	...	do	do
1521	Syed Amir Ahmad	...	do	do
1522	Mir Syed Taher Husain	...	do	do
1629	Syed Mohammad	...	do	do
1531	Sardaruddin Ahmad	...	do	do
1534	Mohd. Ghousuddin	...	do	do
1536	Shah Shahabuddin Qadri	...	do	do
1538	Mohd. Fakhruddin	...	do	do
1540	M. Kandal Rao	...	do	do
1541	Bhim Rao Charthanekar	...	do	do
1543	Mohd. Vaziruddin	...	do	do
1545	Syed Sadaruddin Hashimi	...	do	do
1549	Jivanth Rao	...	do	do
1551	Mohd. Miran Mohinddin	...	do	do
1553	Parshutam Sundrikar	...	do	do
1554	A. Venkateshwar Rao	...	do	do
1555	S. Padmayya	...	do	do
1559	Vishnu Pandit Rao Masalgarkar	...	do	do
1560	Gunwanth Rao Sangvikar	...	do	do
1561	Mohd. Yusuf	...	do	do
1563	Ahmad Nurul-Azkia Siddiqi	...	do	do
1568	D. Ramnohan Rao	...	do	do
1571	Mohd. Rahmat Ali Hazari	...	do	do
1577	Kishtayya	...	do	do
1580	Mohd. Hydar	...	do	do
1583	Vasant Rao Ratnalikar	...	do	do
1586	Mirza Mahboob Baig	...	do	do
1587	Virupaksh Bhat Joshi	...	do	do
1588	Sidhar Rao Patwari	...	do	do
1590	Qazi Mohammad Sayeed	...	do	do
1591	Mohd. Ikramuddin Siddiqi	...	do	do
1593	Mirza Abbas	...	do	do

Roll No.	Name	Class	School	Remarks
1595	Kishen Rao Atolkar	Completed	do	
1599	Syed Ismail	do	do	
1604	Mohd. Mahboob Hassan	do	do	
1605	Mohd. Abdul Qayyum Anjam	do	do	
1606	Moin Yar Khan	do	do	
1608	Mirza Qasim Baig	do	do	
1609	Umakant Rao	do	do	
1611	Mohd. Abdul Gani osavi	do	do	
1612	Syed Kalimuddin	do	do	
1613	Shaik Abdul Qadir	do	do	
1616	Niaz Mohammad Khan	do	do	
1617	Hannanth Rao Deshpandeya Nandedkar	do	do	
1619	Ghulam Mustafa	do	do	
1620	Mohd. Ablun Naim	do	do	
1621	H. Narain Rao	do	do	
1623	Mohd. Abdus Samad	do	do	
1624	J. Tirath Joshi Nadkalkar	do	do	
1625	Sher Ali Khan	do	do	
1626	Mohd. Abdul Gafoor Siddiqi	do	do	
1627	M. Narain Reddy	do	do	
1633	T. Ramchandra Reddy	do	do	
1634	Khaja Saifuddin	do	do	
1635	Modh. Mahboob Ali Khan	do	do	
1637	Gopal Rao	do	do	
1641	Mohd. Manzur Haq	do	do	
1642	Syed Abdul Fattah	do	do	
1643	Venkat Rao Sugoor	do	do	
1645	E. Gourayya	do	do	
1649	Mohd. Abu Bakr	do	do	
1650	Dharam Rao	do	do	

1654	Syed Shabihul Hasan Zaidi	do	do
1656	Mohd. Musa	do	do
1660	Datatri Rao Kulkarni	do	do
1662	Syed Abdul Qadir	passed	do
1663	Kishan Shastri	Completed	do
2440	Syed Fazal	II	do
2443	K. Ram Narsihwan Reddy	Completed	do
2451	Mohd. Omar	Completed	do
2456	Manzurul Haq	do	Osmania High School, Aurangabad
1664	Mohd. Arifullah Khan	III	do
1665	Syed Saifullah Ahmad	III	do
1668	Ghulam Mohiuddin	III	do
1671	Mohd. Abdul Mannan	II	do
1672	Jamil Mohammad Khan	II	do
1673	Syed Hafizuddin	II	do
1681	Syed Sirajuddin Ali	III	do
1684	Ahmad Idris Qadri	III	do
1685	Syed Wahid-ul-Hasan	II	do
1686	Mir Mansur Ali	III	do
1687	Mohd. Musthahsin	II	do
1689	Abdur Rauf Quraishi	III	do
1690	Syed Shah Nusratulla	III	do
1692	Syed Zafar-ul-Haq	III	do
1696	Syed Mushtaq Ahmad Hashimi	II	do
1698	Baji Rao Darkuji Dahi Handay	III	do
1701	Mohd. Zubair Ahmad	III	do
1704	Yusufuddin Ahmad Quraishi	III	do
1705	Syed Khaja Abul Fateh Husaini	II	do
1706	Bansi Lal	II	do
1707	Rangnath Suraj Bansi Manjray	II	do
1708	Mir Basit Ali	II	do
1710	Habib Abdul Aziz bin Habeeb Taha	III	do

Roll No.	Name	Class	School	Remarks
1712	Ghulam Muhmood Khan	III	do	
1715	Faruq Ahmad	Completed	do	
1717	Riazuddin Ahmad Faruqi	do	Osmania High School, Jalna	
1720	Manik Kendrikar	III	do	
1725	Anant Joshi	III	do	
1729	Digambar Khoot	II	do	
1730	Shripat Deshpandiya Savangikar	III	do	
1736	Mohd. Raf-at Ali	Completed	do	
1741	Gangadhar Dharmadikar	II	Osmania High School, Bid	
1743	Datatray Kulkarni	III	do	
1745	Sinaji Satpulay	III	do	
1746	Ganpat Rao Deshmukh	III	do	
1750	Datatray Pohmirkar	II	do	
1751	Amba Das Deshpanday	II	do	
1754	Sriram Giram	II	do	
1755	Mohd. Azhar Ali	II	do	
1757	Mohd. Abdul Khaliq	Completed	do	
1760	Nasir Ali Ahmad Yusuf	do	do	
1765	Yamuna Bai Deshpanday	III	Girls' High School, Aurangabad	
1832	Mohd. Habibulla Khan	Completed	do	
1833	Raja Ram Khonday	do	do	
1836	Mohd. Omar Daraz Khan	do	do	
1837	B. Sawayya	do	do	
1843	Damodhar Kulkerni	do	do	
1844	Jagmohan Lal	do	do	
1846	Gopikishen Agarwal	do	do	
1858	Jivanih Rao Naik Deshmukh	do	do	
1861	Mohan Singh	do	do	
1862	Narain Rao Bangarkar	do	do	
1866	Mohd. Abdul Majid Qadri	do	do	

1868	Sarvatam Rao Patwari	:	do	do
1871	Mohd. Mahmud Ali	:	do	do
1875	Hari Pranik	:	do	do
1876	Shaik Amir	:	do	do
1877	Abdul Habib Khan	:	do	do
1878	Lakshman Koday	:	do	do
1880	Ram Rao Khoot Bismatkar	:	do	do
1881	Narayan Joshi	:	do	do
1882	Radha Kishen Choudhry	:	do	do
1887	Syed Yasin Qadri	:	do	do
1888	Amba Das Rao Mulay	:	do	do
1889	Babu Lal Gulab Chand Patudi	:	do	do
1890	Babu Rao Bhonsla	:	do	do
1897	Kishen Rao Datar	:	do	do
1899	Dankar Rao Bhale Rao	:	do	do
1904	Dividas Vitkar	:	do	do
1905	Mohd. Fazl-ul-Rahman Quraishi	:	do	do
1906	Mohan Lal Marwadi	:	do	do
1907	Mirza Yusuf Baig	:	do	do
1909	Anand Rao Kher	:	do	do
1910	Muttayya Gud	:	do	do
1911	Shaikh Farid	:	do	do
1912	Mohd. Abdur Razzak	:	do	do
1915	Vaman Rao Vadnirkar	:	do	do
1916	Syed Fasihulla Husaini	:	do	do
1917	Amba Ras Balal	:	do	do
1918	Syed Azhar Ali Kirmani	:	do	do
1920	Shaik Salam		III	Osmania High School, Gulbarga
1921	Mohd. Abdul Aziz Dekhani		II	do
1922	Mohd. Abdul Latif Alandi		II	do
1923	Syed Ahmad Qadri		II	do
1924	Mohd. Yousuf Ali		II	do
1925	Mohd. Abdur Rahman		II	do

Roll No.	Name	Class	School	Remarks
1927	Ramji	II	do	
1928	Siddayya	II	do	
1929	Bam Rao Tee	III	do	
1933	Mohd. Ghulam Ali	III	do	
1934	Mohd. Ikramuddin Ansari Alandi	II	do	
1935	Mohd. Ghulam Husain Shahabadi	II	do	
1936	Mohd. Shahabuddin	II	do	
1937	Mohd. Omar	III	do	
1940	Mohd. Aminuddin	II	do	
1942	Mohd. Akbar Khan	II	do	
1943	Gafur Ahmad Khalidi	II	do	
1944	Mihd. Abdur Rauf	II	do	
1947	Mohl. Abdur Rahman Gurmitkali	II	do	
1949	Mohd. Kalilur Rahman	III	do	
1950	Aiknath Sripat Rao	III	Nautan Vidayala Gulburga	
1951	Balwant Bapu Rao	II	do	
1952	Amba Das Dhondopanto Moramkar	III	do	
1953	Jaganath Shankar Rao	II	do	
1955	B. Chan Bassuppa	II	do	
1956	Bampayya Garpayya Dessai	III	do	
1957	Perikshat Ram Rao	III	do	
1962	Syed Daud Ali	II	do	
1965	Tika Rao Advi Rao	III	do	
1967	Vasdiv Malhar Rao	III	do	
1969	Raghvendar Narsing Rao Kaknur	II	do	
1970	Venkat Subba Rao Kakera	III	do	
1972	Shaik Husain	Completed	do	
1973	Ragvendar Rao Anant Rao Tingli	do	do	
1974	Abdul Qadir Imaduddin Samar	do	do	
1977	Mohd. Abdul Gaffar	III	Osmania High School, Yadgir	

1982	S. Jagganath Rao	..	II	do
1983	Mohd. Abdul Azim	..	III	do
1985	Ghulam Mohinuddin Sagri	..	Completed	do
1988	Mohd. Omar Sagri	..	do	do
1989	Mohd. Zahiruddin'	..	do	do
1990	Mohd. Ishaq Gurmitkali	..	do	do
1991	Mohd. Abdul Hamid Gurmitkali	..	do	do
1992	Mohd. Abdur Rahim Gurmitkali	..	do	do
1993	Bashir Ahmad Sagri	..	II	Osmania High School, Latur
1995	Mohd. Ghasuddin	..	II	do
2001	Govind	..	III	do
2003	Mukand Rao Masalgakar	..	II	do
2004	Sangram	..	II	do
2008	Satya Narayan	..	Completed	do
2011	Gopal Rai Revdi	..	do	do
2012	Adhu Rao	..	III	do
2018	Sham Rao	..	II	do
2022	Syed Mohammad Udgiri	..	Completed	do
2023	Abdul Aziz Shikari	..	do	do
2024	Mohd. Moinuddin Quraishi Udgiri	..	do	do
2029	Bhaskar Rao	..	III	Private
2042	Parshutam Palantkar	..	III	do
2048	Shankar Rao	..	II	do
2050	Goind Dongrajkar	..	II	do
2060	N. R. Patwari	..	III	do
2068	Mohd. Abdul Wahab	..	II	do
2070	J. Venkat Rao	..	II	do
2071	Dhondiraj Sarshikar	..	Completed	do
2085	R. Manik Rao	..	do	do
2092	Bal Bhim Rao Kulkarni	..	do	do
2095	Chandar Shatti	..	do	do
2103	Gundappa Moramkar			do
2104	Sharnuppa Patel			do

Roll No.	Name	Class	School	Remarks
2107	B. Srinivas Rao	Completed	Private	
2119	Shaik Shamsuddin	do	do	
2122	Mohd. Nasiruddin	do	do	
2127	Phulchand Kasar	do	do	
2128	Goind Rao Nilangakar	do	do	
2132	Mohd. Abdur Rahman Handarg	do	do	
2136	Syed Maqbul Ahmad	do	do	
2143	K. Raghvendra Chari	do	do	
2145	Shaik Rahimuddin	do	do	
2146	Mohd. Abdul Bari	do	do	
2147	Abdur Rahim Choudhry	do	do	
2148	Ahmad Khan	do	do	
2149	Mohd. Akbar Husain	do	do	
2151	Digumbar Rai Yadu Rao Deshmukh	do	do	
2153	Lakshman Rao Chatgopkar	do	do	
2154	Sham Rao	do	do	
2156	Anant Kishen Rao	do	do	
2158	Maloshuppa	do	do	
2159	N. Srinivas Rao	do	do	
2161	M. Virbhadruppa	do	do	
2162	Guparesh Vaidiya Kalur	do	do	
2163	Tukka Ram Ailikar	do	do	
2164	Vasdev Rao	do	do	
2165	Keshav Rao	do	do	
2166	Datatri Rao	do	do	
2169	Srinivas Rao	do	do	
2171	Ramchandar	do	do	
2172	T. S. Kulkarni	do	do	
2174	S. Manik Roy	do	do	
2178	Mohammad Bin Abud-ul-Hajiri	do	do	

No.	Name		Class	Inter. College
2179	Kashuppa Gaudri	...	do	do Warangal,
2180	Syed Iqbal Ali Jafari	...	II	do
2181	Mohd. Amiruddin	...	III	do
2182	Syed Maqbul Husain	...	II	do
2184	Mohd. Baliguz-Zaman Quraishi	...	II	do
2186	Mohd. Yakub	...	III	do
2188	Ghulam Mohiuddin	...	II	do
2190	Abu Millat Mohd. Kalihuddin	...	III	do
2192	E, Lakahman Rao	...	III	do
2196	B, Venkat Narhari	...	II	do
2198	K. Tirpat Reddy	...	II	do
2201	Mohd. Siddiq	...	III	do
2203	Mohd. Bashiruddin Ahmad	...	II	do
2204	Syed Shah Baliguddin Husain	...	II	do
2207	Mohd, Sharfuddin	...	III	do
2208	Biazuddin Ahmad	...	II	do
2209	Syed Mohiuddin Ahmad	...	III	do
2212	V. Shankarayya	...	II	do
2213	K. Gopal Rao	...	II	do
2214	Ahmad Husain	...	III	do
2217	Mohd. Abdur Rahim	...	II	do
2218	Ahmad Sharif Qadri	...	III	do
2219	Syed Abdul Azim	...	II	do
2220	Mohd. Omar	...	II	do
2221	Mohd. Abul Hasan	...	III	do
2222	Mirza Azizulla Baig	...	III	do
2223	Sher Mohammad Khan	...	II	do
2224	Pir Mohammad	...	III	do
2226	N, Venkafram Narsayya	...	III	do
2227	K, Venkafram Ratnam	...	II	do
2228	B, Sitaram Reddy	...	III	do
2229	P. Shankarayya	...	III	do
2231	V. Raghuram Rao	...	III	do

Roll No.	Name	Class	School	Remarks
2232	D. Radhakishen Rao	III	Inter. College Warangal	
2234	B. Lakshmayya	III	do	
2235	M. Chandar Kant	II	do	
2236	B. Govindu	III	do	
2237	P. Jaganath Swamy	III	do	
2238	E. V. Krishna Reddy	III	do	
2239	M. Lakshmi Kant	II	do	
2241	P. Venkateshwar Rao	II	do	
2243	P. Tarungadam	II	do	
2244	T. Venkatram Narsayya	II	do	
2245	S. Venkatram Narsayya	II	do	
2246	B. Sadashiv Shankar	II	do	
2247	Chata Sambayya	II	do	
2248	Alur Radhakrishtanna Murthi	II	do	
2250	D. Raghupati	II	do	
2251	S. Ranga Chari	III	do	
2252	K. Papi Reddy	III	do	
2263	Mohd. Hamiduddin Khan	Completed	do	
2264	Mohd. Abdul Ahad	do	do	
2266	Inam Khan	do	do	
2267	Hanmala Kankayya	do	Islamia High School, Mathwada.	
2276	Mohd. Nazir Yasin	II	do	
2277	Mohd. Abdul Qayyum Faruqi	III	do	
2279	Mohd. Bashiruddin	Completed	do	
2280	Mohd. Naimuddin	do	do	
2282	G. Satyanarayan Rao	II	Osmania High School, Khammam	
2283	K. Bachi Ram Rao	II	do	
2284	Narsihwan Reddy	II	do	
2285	G. Nagbhushnam	III	io	
2286	Khaja Nizamuddin	II	do	

No.	Name		Class	School
2287	Kalidas	..	II	do
2288	Venkat. Appa Rao	..	III	do
2289	S. Papa Rao	..	II	do
2290	A. Ram Rao	..	II	do
2291	P. Ram Krishtayya	..	II	do
2292	Vanam Suriya Narayan	..	II	do
2293	K. Shishgar Rao	..	II	do
2294	Mallayya	..	II	do
2296	Hari Venkat Ramayya	..	II	do
2297	G. Venkateshwar Rao	..	II	do
2298	Venkat. Yamar Manar Chari	..	II	do
2299	Chandar Sikhram	..	II	do
2301	Y. Vjibhadr Rao	..	Completed	do
2302	Mohd. Manzurul Haq	..	II	Osmania High School, Karimnagar
2303	Mohd. Abdul Qadir	..	II	do
2304	Khaja Nasiruddin	..	II	do
2305	Mohd. Ashraf Ali	..	II	do
2307	Jalpat Rao	..	II	do
2309	C. H. Babu Rao	..	II	do
2310	V. Tirpat Rao	..	II	do
2311	Rajayya	..	II	do
2312	Venkateshwar Rao	..	II	do
2313	Mohd. Zamir Ahmad	..	II	do
2315	Mirza Amir Baig	..	II	do
2317	C. H. Venkat Ram Rao	..	II	do
2319	K. Venkat Reddy	..	II	do
2320	K. M. Balkishen Rao	..	II	do
2321	Kishen Singh	..	III	do
2322	P. Ramchander Rao	..	II	do
2323	K. Mukanda Reddy	..	Completed	do
2324	K. Venkat Damudhar Rao	..	do	do
2325	N. Radhakishan	..	do	do
2326	Mohd. Wajihuddin	..	do	do

Roll No.	Name	Class	School	Remarks
2327	P. Mahadev	Completed	Osmania High School, Karimnagar	
2328	V. Lakshmayya	do	do	
2329	V. Rama Rao	do	do	
2332	R. Juganath Rao	III	Osmania High School, Jagtial	
2334	A. Langa Reddy	III	do	
2336	V. A. Lakshmi Ramlu	II	do	
2339	Kakastham Anthayya	III	do	
2340	B. Lakshmi Narayan	II	do	
2341	C. H. Venkateshwar Rao	II	do	
2342	Lakshman Goad	II	Osmania Girl's High School, Hanamkunda,	
2343	Asghari Begam	III	do	
2344	Anwari Begam	II	do	
2345	Qadri Begam	III	op	
2346	Vijia Lakshmi	III	do	
2347	Shardha Bai	II	do	
2348	Radha Bai	II	do	
2349	Sayeeda Begam	III	do	
2350	A. Prem Leela	II	Private	
2351	Tahera Begam	Completed	do	
2352	Sharifa Banu	II	do	
2359	Mohd. Yakub Ali	III	do	
2372	M. Pershad Rao	II	do	
2374	T. Shishgar Rao	III	do	
2375	T. Hanmanth Rao	Completed	do	
2406	Syed Sarwar Husaini	do	do	
2409	Ghulam Samdani Ahmad	do	do	
2411	Mohd. Hidayat Ali	do	do	
2413	C. Lakshman Singh	do	do	
2415	P. Banga Rao	do	do	
2416	Mohd. Sirajuddin	do	do	

2417	S. Srinivas Rao	do	do
2418	Ahmad Sharif	do	do
2420	V. Satya Narayan Rao	do	do
2422	A. Parshutam Rao	do	do
2423	Mohd. Abdul Gaffar Faruqi	do	do
2424	Sambayya	do	do

Matriculation Examination 1349 F. (1940).

Roll No.	Name	Class	School	Remarks
		FACULTY OF ARTS		
213	Mohd. Shamsuddin Siddiqi	I	Osmania High School, Darul Uloom	
430	Ghulam Yazdani	I	Osmania Anwarul-Ulum High School, Nampalli	
482	Mohd. Yakub	I	Osmania High School, Darul-Uloom.	
203	Shaik Rahimuddin Zahirabadi	I	Darul-Ulum High School	
252	Sri Rang	I	Osmania High School, Latur	
482	N. Sundar Murthi	I	Osmania High School, Warangal.	
553	Mohd. Rashiduddin	I	Osmania High School, Jagthial.	
168	B. Partab Reddy	I	City High School	
562	A. Lachmayya	I	Osmania High School, Jagthial.	
485	Nagoram	I	Osmania High School, Nirmal.	
838	Mohd. Abdul Hadi	I	Osmania High School, Aurangabad	
2256	Vinayak	I	Osmania High School, Latur	
271	Syed Sirajuldin	I	Osmania High School, Nampalli	
2554	Mohd. Munawwar Ali	I	Osmania High School, Jagthial.	
541	Datatray Rao Joshi	I	Osmania High School, Bidar.	
2488	P. Lakshman Rao	I	Osmania High School, Warangal.	
789	Mohd. Abdur Rahman	I	Osmania High School, Osmanabad	
860	Mumtaz Jahan Begam	I	Women's Training High School, Hyd.	
354	Syed Ahid Husain Razvi	I	Osmania High School, Durush-Shafa.	
1215	Govardhan Chandar Shikhar Shastri	I	Private	
335	Lesamul Haq	I	Osmania High School, Darush-Shafa.	
332	Bhimsen Rao Harmur	I	Osmania High School, Nampalli	
221	Mohd. Abdus Salam	I	Osmania High School, Darul Uloom	
574	M. Ram Reddy	I	Osmania High School, Mahboobnagar	
2257	LakshmanRao	I	Osmania High School, Latur	
575	M. Bhim Reddy	I	Osmania High School, Mahbocbnagar	

FACULTY OF THEOLOGY

No.	Name		Grade	School
2	Riazuddin Ahmad	...	II	Osmania High School, Darul-Uloom.
3	Syed Mohiuddin	...	III	do
5	Mohd. Fayyazuddin Faruqi	...	II	do
7	Mohd. Azimuddin	...	II	do
8	Mohd. Mahmud Khan	...	III	do
13	Mohd. Abdul Aziz	...	II	Osmania High School, Chandalaguda
15	Mir Vazir Ali	...	II	do
16	Mohd. Kamaluddin	...	III	Osmania High School, Nalgonda.
17	Salimuddin Siddiqi	...	II	do
18	Syed Naimuddin	...	II	do
19	Mohd. Abdur Bashid	...	II	do
20	Ghulam Ahmad Faiz	...	II	do
21	Mansur Bin Ahmad	...	III	do
28	Shaik Mahmud	...	III	Osmania High School, Bidar.
30	Syed Hamid Shah Baba	...	III	do
31	Mohd. Muniruddin	...	II	do
32	Mohd. Abdur Razzak	...	II	do
34	Syed Rafiuddin	...	II	Osmania High School, Mahbubnagar.
35	Mohd. Abdul Gani	...	II	do
36	Syed Hafizuddin	...	II	do
37	Mohd. Nasiruddin	...	III	do
42	Khaja Moinuddin	...	III	Osmania High School, Raichur
43	Mohd. Abdul Jalil		III	do
50	Habib Mohammad Omar Qadri		Completed	Private
51	Mohd. Yakub		do	do
52	Mohd. Khaja Moinuddin Chisti		do	do
55	Shaik Mohammad		do	do
62	Mohd. Ibrahim		do	do
63	Mohd. Shafiuddin Ahmad		III	do
67	Khaja Moinuddin		II	Osmania High School, Aurangabad.
69	Mohd. Ziauddin Faruqi	...	II	do
70	Mohd. Abdul Halim		II	do

Roll No.	Name	Class	School	Remarks
72	Mohd. Abdul Qadir Faruki	II	Osmania High School, Aurangabad.	
73	Mohd. Abdul Karim Asif	Completed	Osmania High School, Jalna	
74	Mirza Vazirulla Baig	II	Islamia High School, Mathwada.	

FACULTY OF ARTS

Roll No.	Name	Class	School	Remarks
81	Omar Bin Ahmad	II	Govt. City High School	
83	Ahmad Husain	II	do	
87	Syed Naimuddin Ahmad	II	do	
88	Syed Mujeebuddin	II	do	
89	Lutfur Rahman Quraishi	II	do	
92	Syed Ahmad Mohiuddin	III	do	
94	Syed Habibulla	II	do	
95	Syed Hamid	III	do	
96	Syed Asghar Ali Kazimi	III	do	
97	Syed Moinuddin	III	do	
100	Mohd. Hasham Sayeed	II	do	
101	Ghulam Moinuddin	III	do	
102	Mohd. Vahiduddin Khan	III	do	
103	Mir Mahmud Ali	II	do	
104	Mohd. Abdur Rashid	III	do	
105	Mumtazuddin Ahmad	III	do	
106	Mohibbul Haq	III	do	
109	Mohd. Habibullah Mohajir	III	do	
110	Mohd. Habibur Rahman	III	do	
112	Syed Ali Ibrahim	III	do	
115	Lachman Singh	III	do	
116	Sridhar Rao	II	do	
117	Chandar Pal	II	do	
118	Ahmad Abdul Majid	II	do	
120	Izhar Ahmad Siddiqi	II	do	
124	Mohiuddin Ali Khan	II	do	

No.	Name	Class	School
126	Abdul Hameed	III	do
127	Moid. Biasat Ali Khan	III	do
128	Mubashshir Ahmad	II	do
129	Syed Mohammad Hasan Ahmad	III	do
130	Mohd. Akbar Ali	II	do
131	Mohd. Abdul Lateef Khan Arab	III	do
134	Syed Habibuddin Husain	II	do
137	Maqaddar Ali Sharif	II	do
140	P. Vittal Rao	II	do
142	Mohd. Aminuddin Ansari	III	do
143	Asad Ahmad	II	do
144	Ghulam Ahmad Khan	III	do
145	Ghulam Dastagir Khan	III	do
146	Mohd. Giasuddin	II	do
148	Mohamad Ali	III	do
149	Shafiqur Rahman	II	do
150	Shah Hameed Siddiqi	III	do
151	Syed Siddiq Ahmad Biyabani	III	do
152	Mohd. Yakub	II	do
154	Syed Abdul Hameed	III	do
155	Mohd. Abdul Hakeem	II	do
157	Abdul Majid Khan Yusuf Zai	II	do
158	Mohd. Abdul Hadi	II	do
159	Mohd. Abdul Bari	II	do
161	Mohd. Sadruddin Farrukh	II	do
162	Mohd. Mohiuddin Badeshah	II	do
166	Malkajappa Chitgopekar	II	do
169	Parbhakar Pathak	III	do
170	Raghvendra Chari Munji	III	do
173	Datatray Deglurkar	III	do
175	Parlhad Rao	III	do
176	K. Narayan Reddy	II	Osmania High School, Darul-Uloom.
177	Khaja Mohammad Karimuddin	II	do
178	Mohd. Abdul Hameed	III	do

Roll No.	Name	Class	School	Remarks
180	Mohd. Quous Mohiuddin	III	Osmania High School, Darul-Uloom.	
181	Mohd. Abdur Razzak	III	do	
182	Mohd. Raufuddin	III	do	
183	Khaja Moinuddin	II	do	
184	Mohamad Yasin Khan	III	do	
187	Mir Habib Ali	III	do	
191	Mir Hamid Ali Hashimi	II	do	
192	Yusufuz Zaman	III	do	
193	Mohd. Masudul Hasan	II	do	
194	Syed Ghulam Mustafa Razvi	II	do	
195	Mir Jafar Ali Khan	II	do	
196	Mir Munawwar Ali	II	do	
197	Shankarayya	III	do	
198	Mohd. Nasir Ali	III	do	
190	Shaik Ibrahim	III	do	
200	Mohd. Abbunnaim Khan	III	do	
201	Mohd. Shamsuddin Quraishi	III	do	
202	Manohar Singh	III	do	
204	Mohd. Arif Ali Ansari	III	do	
205	Mohd. Abdul Mahamid	III	do	
211	Mohd. Qudratulla	II	do	
214	Ghulam Dastagir	III	do	
215	Mohd. Mustafa Ali Taher	II	do	
216	Mohd. Abdur Rahman Fazili	II	do	
217	Mohd. Hasanuddin	II	do	
218	Mohd. Mohiuddin Ali	III	do	
220	Syed Khaja Moinuddin	II	do	
222	Mohd. Abdul Karim	II	do	
223	Syed Hasan	II	do	
224	Syed Ghulam Mohiuddin	II	do	

225	Mahboob Sharif Nawaz Khan	...	II		do
227	Syed Khudabaksh Salim	...	II		do
230	Mohd. Moin Kamtar	...	III		do
231	Mir Akbar Ali	...	II		do
232	Mohd. Khaja Moinuddin	...	III		do
233	Syed Moinuddin Hasan Jawad	...	II		do
234	Bashiruddin	...	II		do
236	Mohd. Moinuddin	...	III		do
237	Syed Tashhirulla Husaini	...	II		do
238	Qazi Mohammad Abdul Qadir Quraishi	...	III		do
239	Mir Vilayat Ali	...	II		do
240	Ghulam Sabir	...	II		do
241	Syed Waliulla Husaini Bukhari	...	III		do
242	Ghulam Khaja Velali	...	II		do
243	Syed Qutbuddin Qadri	...	II		do
244	Ibrahim Bhai	...	II		do
245	T. Narhari	...	II		do
246	Pandu Ranga Reddy	...	II		do
247	Ramayya Gupta	...	II		do
248	K. Sri Ramlu	...	III		do
249	G. Narayan Reddy	...	II		do
250	P. Narsihvan Rao	...	III		do
251	Bala Pershad	...	II		do
252	Y. Keshava Rao	...	II		do
253	Basanthi Lal	...	III		do
255	J. Haricharan Das	...	II		do
256	J. Maya Ram Parshad	...	II		do
258	Lingayya	...	II		do
259	Brij Jivan Chand	...	III		do
260	Gajasihvan Rao	...	II		do
261	Narsing Rao	...	II		do
262	Shankar Parshad	...	II		do
263	Mohd. Abdul Qadir	...	II		do Osmania High School, Nampalli

Roll No.	Name	Class	School	Remarks
266	Syed Ghulam Mihammad Ali	II	Osmania Hihg School, Nampalli.	
268	Mohd. Ibrahim Ail Khan	III	do	
270	Shaik Abdur Razzak	II	do	
273	Mohd. Abdul Aziz Sultan	II	do	
274	Syed Ghulam Dastagir	III	do	
275	Mohamed Hashim	III	do	
276	Mohd. Sharfuddin	III	do	
277	Shahzada Alam Khan	II	do	
278	Ahmad Mohiuddin	II	do	
279	Mohd. Moinuddin Balgami	II	do	
280	Mohd. Habibuddin Ahmad	II	do	
281	Latif Sharif	II	du	
283	Mohd. Shoibulla Khan	III	do	
284	Saheb Husain	III	do	
285	Mohd. Zahiruz Zaman	II	do	
286	Taufiq Mohammad Khan	II	do	
287	Mohd. Abdur Bahim	II	do	
288	Nehal Singh	III	do	
289	Ram Awtar	II	do	
291	Ganpat Rao	II	do	
292	Malla Reddy	II	do	
293	Bal Reddy	II	do	
294	Yadayya	II	do	
295	Ghiraj Rao	II	do	
297	Gangdhar Raj Purohit	II	do	
299	Viqar Ahmad	II	do	
300	Abu Bakr Abdulla	III	do	
301	Mohd. Abdul Aziz	II	do	
302	Mohd. Taher	II	do	
303	Mohd. Bashir Ahmad	II	do	

No.	Name		Class	School
304	Ali Akbar	...	II	do
305	Mohd. Abdul Latif Ansari	...	III	do
306	Sharfuddin Khan	...	II	do
307	Mohd. Mazharul Haq Ansari	...	II	do
308	Mohd. Hussain	...	II	do
310	Mohd. Habibur Rahman Siddiqi	...	II	do
311	Ghulam Rasool	...	II	do
312	Syed Mohammad Omar	...	II	do
313	Mohd. Abdul Hamid	...	III	do
314	Mohd. Khaja Moinuddin Ahmad	...	III	do
315	Mohd. Habibuddin	...	II	do
316	Ahmad Zahiruddin	...	II	do
317	K. Balaswamy	...	II	do
318	M. Vema Reddy	...	III	do
319	P. Ananth Rajaram	...	III	do
320	Venkat Narayan Chari	...	II	do
323	Asthari	...	II	do
325	Anthash Karan	...	II	do
326	K. Damudhar Reddy	...	II	do
327	Kasinath Rao	...	III	do
328	A. B. Narayan Rao	...	II	do
329	Narhari Reddy	...	II	do
330	Hanmanth Rao	...	II	do
333	Ahmad Mohiuddin Ali Khan	...	III	Osmania High School, Darush-Shifa.
334	Syed Ahmad Husaini	...	II	do
336	Mohd. Farruq Ali Khan	...	II	do
337	Syed Abdul Aziz Quraishi	...	III	do
338	Mohd. Habibuddin Ahmad	...	III	do
341	B. Datatri Rao	...	II	do
342	Syed Maqdoom Husaini	...	III	do
343	Syed Fasihuddin Ahmad	...	III	do
344	Syed Husain Naqvi	...	III	do
346	Habibur Rahman	...	III	do

Roll No.	Name	Class	School	Remarks
347	Syed Altaf Ali	III	Osmania High School, Darush-Shifa.	
348	Syed Masood Ali Abidi	II	do	
349	Mohd. Khurshid Husain	II	do	
350	Mohd. Abdul Gafoor Ansari	II	do	
351	Ashur Ali Khan	III	oo	
352	Mir. Tulniyat Ali Khan	III	do	
353	Mohd. Amjad Hasan	II	do	
355	Mirza Hasan Askari	II	do	
358	C. Runga Swami	II	do	
359	Dinkar Rao Deshpanday	II	Osmania High School, Chanchalguda	
361	Mir Amjad Husain Khan	II	do	
363	Khurshid Husain Junaidi	I	do	
364	Syed Azmatulla Husaini	III	do	
365	Akbar Husain Ahmad	III	do	
366	Ahmad Ali	III	do	
367	Syed Abu Talib	II	do	
368	Syed Yakub	II	do	
369	Mirza Mustafa Baig	II	do	
370	Syed Azimuddin	II	dc	
371	Syed Abdul Karim	II	do	
373	Mohd. Nizamuddin Khan	II	do	
374	Mohd. Azimuddin Khan	II	op	
375	Mirza Jawwad Ali Beg	II	op	
576	Mir Mazhar Ali	Completed	du	
378	Mir Liaqat Ali	III	Asafia High School, Malakpet	
379	Mir Shabbir Ali	III	do	
381	Pasha Husain	III	do	
382	Syed Fakruddin	II	do	
383	Mohd. Moinuddin	II	do	
385	Mohd. Omar	II	do	

		Completed	Asafia High School, Malakpet. Anwarul-Uloom High School, Nampalli
386	Mirza Munawwar Ali Beg	III	do
388	Ahmad Abdul Khaliq	II	do
389	Shaik Ahmad	III	do
390	Mohd. Muzaffaruddin	II	do
391	Shaik Ibrahim	III	do
392	Mohd. Vaziruddin	II	do
393	Syed Ibrahim Ali Faruqi	III	do
395	Mohd. Sajid Ali Kohiri	II	do
396	Mohd. Sadiq Ali	III	do
397	Mirza Abid Baig	III	do
399	Syed Osman Ahmad	II	do
405	Mohd. Ahmad Zubairi	II	do
416	Syed Anwar Husain	II	do
417	Yusufuddin	III	do
418	Syed Qasim Ali	III	do
419	K. Gopal Kishan	II	do
422	Syed Jafar	III	do
427	Mohd. Maqbool Ahmad Ansari	II	do
428	Mohd. Moimuddin Siraj	II	do
429	Mohd. Abdul Wahab	II	do
431	Mohd. Sadiq Ali Siddiqi	III	do
432	Mohd. Khaja Osman	II	do
433	Khaja Mohammad Ali Khan	III	do
434	Mohd. Osman	III	do
436	Mirza Ibrahim Baig	III	do
437	Syed Jafar Udgiri	III	do
439	Chadanand Bhat	III	do
440	T. G. Shankar Rao	II	do
441	M. Venkat Ram Reddy	II	do
443	C. Rachappa	II	do
444	A. Kishtamma Chari	II	do
445	Brahmayya	II	do

Roll No.	Name	Class	School	Remarks
447	K. Yadgiri	III	Anwarul-Uloom High School, Nampalli	
448	G. Ram Rao	II	do	
451	Syed Habibuddin	III	Osmania High School, Medak	
452	Ghulam Samdani Tekmali	III	do	
453	Khaja Habibulla	II	do	
456	C. R. Vitthal Reddy	III	do	
458	Syed Mahboob Ahmad Qadri	III	do	
459	Khaja Ghulam Moinuddin Khan	II	do	
463	K. E. Ailisha	II	do	
466	K. L. Baja Ratnam	III	do	
467	T. S. John	II	do	
469	Mohd. Ismail	Completed	do	
470	Umrao Singh	do	do	
471	Syed Abdul Muqtadir	do	do	
473	Mohd. Munawwar Ali	do	do	
475	Mohd. Ghous Mohiuddin	III	Osmania High School, Nirmal.	
476	Mohd. Amin	III	do	
477	Syed Khaja Moinuddin	II	do	
478	Mohd. Abdul Qadir	III	do	
479	Mohd. Niazuddin	II	do	
480	C. Venkat Parshad	II	do	
481	V. P. Kishen Rao	II	do	
483	Ramchandar Rao	II	do	
484	Lachayya	II	do	
487	Venkat Narayan	II	do	
488	D. Ramlu	II	do	
489	Kishta Reddy	II	do	
491	Babu Rao	Completed	do	
494	Pisnur Venkat Bajeshwar Rao	II	Osmania High School, Nalgonda.	

498	L. Shambayya	II	do
501	Mohd. Abdur Rahim	III	do
503	Mohd. Abdul Gani Chisti	II	do
504	Shaik Mohammad Rashiduddin Siddiqi	II	do
507	Mohd. Sharif Khan Aijaz	III	do
509	K. A. Robert	II	do
510	P. Venkat Rama Reddy	II	do
517	V. Tukka Ram Gupta	III	do
524	Mohd. Abdul Kabir Siddiqi	II	Osmania High School, Bidar.
527	Vishombhar	II	do
530	Vahiduddin Ahmad Salim	II	do
531	Malik Ilias Khan	II	do
535	Shankar Rao	III	do
536	Pandurang Rao Janwadkar	II	do
537	Ramlu Iyer	III	do
539	Manohar Rao Jagirdar	III	do
540	Sidramuppa Salguntay	II	do
542	Sridhar Rao Joshi	II	do
545	Vitthal Rao	Completed	do
549	Mohd. Abdul Wahab Melori	do	do
550	Shaik Ali	do	do
551	Mohd. Amiruddin Udgiri	do	do
552	R. Lakshmi Kant	do	do
553	Mohd. Zuhoruddin Udgiri	do	do
555	Syed Mahmud Ali	II	Osmania High School, Mahbubnagar.
557	Narsuppa	II	do
558	G. Narayan Swamy	II	do
559	P. Modhu Rao	III	do
560	T. Narsimlu	III	do
561	Gopal Rao	II	do
562	Baghonath Singh	II	do
563	Ramlu	III	do
565	Mohd. Moinuddin Ansari	III	do

Roll No.	Name		Class	School	Remarks
566	Mohd. Muzaffaruddin Ahmad	..	II	Osmania High School, Mahbubnagar.	
567	T. Gangaram	..	II	do	
570	Mohd. Abdur Rahman	..	III	do	
573	Mohd. Burhanuddin	..	III	do	
576	K. Hanmanth Reddy	..	III	do	
577	K. Narsihwan Beddy	..	III	do	
578	K. Pap Reddy	..	III	do	
579	Ram Rao	..	II	do	
580	M. Bandev Beddy	..	II	do	
581	T. Srihari	..	III	do	
582	Mirza Mahmud Baig	..	III	do	
586	Mirza Mohammad Ali Baig	..	III	Osmania High School, Nizamabad	
590	Mohd. Mujibuddin Ansari	..	III	do	
591	Mohd. Maulana	..	III	do	
596	Mohd. Qasim	..	II	do	
597	Syed Mahmud Ahmad	..	III	do	
606	A. Bajeshwar Reddy	..	II	do	
608	G. Venkat Ramayya	..	III	do	
611	M. Vitthal Rao	..	III	do	
612	Mohd. Abdul Vahid	..	III	do	
613	Mohd. Abdus Salam	..	III	do	
617	Shaik Mohammad Omudi	..	II	do	
620	Mohd. Abdul Gafoor	..	III	do	
622	Mirza Abdul Gaffar Baig	..	II	do	
623	P. Ganga Reddy	..	II	do	
624	D. Narayan Rao	..	II	do	
625	G. N. Dharma Reddy	..	II	do	
626	A. Narayan	..	III	do	
627	V. Lakshman Rao	..	II	do	
629	D. J. George	.. Completed	II	do	

No.	Name			School
630	Mohd. Abdulla Husain	...	do	do
631	S. Bamnatham Sharma	...	do	do
634	Mohd. Vahiduddin	...	do	do
635	Shaik Ahmad Parlavi	...	do	do
636	Ghulam Mustafa Ali	...	do	do
637	Mohd. Ismail	...	do	do
638	Mohd. Ghulam Husain Zakhmi	...	III	do
639	Ghulam Dastagir Khan	...	III	do
640	Syed Tafazzul Hussain	...	III	do
643	Mohd. Abdul Hameed Touba	...	III	do
644	Ambadas Basmatnagarkar	...	II	do
645	Shankar Bhalay Rao	...	III	do
646	Narayan Rao Bismatkar	...	III	do
647	Marooti Rao Kulkerni	...	III	do
649	Ram Rao Panglikar	...	II	do
650	Badhakishan Rao Patki	...	III	do
651	Pandurang Rao Ranshore	...	III	do
652	Mirza Ahmad Moīnulla Baig	...	III	do
653	Syed Safdar Ali	...	III	do
655	Mohd. Jamil Ahmad	...	II	do
658	Bulkishan Rao Lahankar	...	III	do
665	Balaji Deshpandiya	...	II	do
666	Dharnidhar Kabra	...	II	do
667	Keshav Rao Manjhlegaonkar	...	III	do
668	Ambadas Joshi Vajharkar	...	III	do
671	Ganpat Dakongray	...	II	do
673	Lakshman Rao Joshi Naigaonkar	...	III	do
674	Sham Rao Kadam	...	III	do
675	Ambadas Tamboli	...	III	do
676	Sinivas Aday	...	II	do
679	Datatray Vadajkar	...	II	do
680	Ambadas Rao Bobday	...	III	do
681	Ananth Rao	...	III	do
682	Ahmad Husein	...	II	Osmania High School, Mominabad.

Osmania High School, Nanded

Roll No.	Name		Class	School	Remarks
686	Mohd. Yusuf	...	II	Osmania High School, Mominabad.	
688	Syed Sulman Hydar Zaidi	...	III	do	
690	Pandurang	...	III	do	
693	Shankar Vijnath Rao Ghodkay	...	III	do	
694	Ramling	...	II	do	
695	Bhanver Lal	...	III	do	
697	Syed Masihuddin Siddiqi	...	Completed	do	
698	Syed Mohammad Ali	...	do	do	
699	Mohd. Aijaz Husain Khan	...	do	do	
703	Shivaji Lomtay	...	do	do	
704	Ghaghwan Nagesh Rao	...	III	Yogeshwari Nautan Vidyala High School, Mominabad.	
705	Parbhakar Ram Rao Deshmukh	...	II	do	
706	Basling Digambar Rao	...	II	do	
707	Devidas Bhav Rao Kulkerni	...	III	do	
710	Jaganath Pandurang	...	III	do	
711	Digambar Shankar Rao Joshi	...	II	do	
714	Parshutam Bhagwan Bao Deshmukh	...	II	do	
715	Narayan Remi Rao Vangikar	...	III	do	
717	Goind Ishwanth Rao Kulkarni	...	III	do	
719	Sadashiv Goindrao Soanpetkar	...	II	do	
722	Manohar Devidas Rao Deshmukh	...	III	do	
723	Srinivas Jivanth Rao Deshpanday	...	III	do	
724	Pandurang Nārayan Turanbakar	...	II	do	
725	Vaman Mukand Rao Ujlamkar	...	III	do	
726	Shriram Janardhan Deshpanday	...	II	do	
728	Kishen Balaji Nomalwar	...	III	do	
729	Jaganath Vaman Rao Pokharay	...	III	do	
731	Lakshman Jairam Rao Deshmukh	...	III	do	
732	Ganjanan Vishnupanth Panchi	...	III	do	

734	Balwanth Nagesh Rao Owsakar	II	do
735	Remukadas Bhagwanth Rao Deshpandiya	II	do
736	Dinkar Vinayak Khadalkar	III	dc
742	Shamrao Burvaji Patel	III	do
743	Ganpat Anarao Shanday	II	do
744	Gangaparshad Balaram Agarwal	II	do
745	Madhu Pothusa	II	do
746	Achut Gopalrao Bhelaygaonkar	II	do
747	Shivaji Dhondopant Tirkhedkar	III	do
749	Vinayak Durgadas Rao Deepanday	II	do
750	Balasahib Deshmukh	III	do
751	Nagnath Vinayakrao Pranjay	II	do
752	Gurudayal Singh Devi Singh	III	do
753	Kishan Narayan Rao	II	do
754	Kondeba Goind Rao	III	do
755	Kashinath Nagorao Joshi	II	do
757	Ananth Shankar Rao Nagapurkar	II	do
759	Gopal Raghvendar Rao Chapalgaonkar	II	do
760	Bhajang Raghonathrao Kamthekar	III	do
762	Narayan Ramrao Kalamnurikar	Completed	do
763	Madhu Sakharam Pant Joshi	do	do
764	Dafatray Vitthalrao Bhelegaonkar	II	do
767	B. Damodhar Reddy	II	Osmania High School, Wanparthy.
768	T. Rajmalla Reddy	III	do
770	C. Krishnaji Rao	III	do
771	Mohd. Hanif	III	Osmania High School, Osmanabad
774	Parbhakar	II	do
775	Sripad Saraf	II	do
776	Sripad	III	do
777	Manik Rao	II	do
778	Lala Saheb	II	do
780	Pandit	III	do
781	Hari	II	do

Roll No.	Name	Class	School	Remarks
786	Syed Ahmad Husain Teghe Barhana	III	Osmania High School, Osmanannabad	
788	Mohd. Moinuddin Ansari	III	do	
794	Mohd. Abdus Sattar	II	Osmania High School, Parbhani	
795	Mohd. Nazir Ahmad	III	do	
799	Mohd. Abdur Rahman Siddiqi	II	do	
801	Nilkunth	III	do	
802	Khanday Rao	II	do	
804	Ananth Rao	II	do	
805	Pandit Tarafdar	II	do	
806	Vasant Shalmay	II	do	
808	Maruf Khan	III	do	
810	Mohd. Riazuddin Siddiqi-wa-Qadri	II	do	
812	Abdul Muqeet Khan	II	do	
814	Bhim Rao	II	do	
817	Tirambak Tad Limlahakar	III	do	
818	Rai Jeganath Parshad Bhargav	III	do	
820	Harbaji Rao Kandlekar	III	do	
827	Mohd. Yusuf	III	do	
829	J. Kumar Dodal	III	do	
831	Kishan Rao	III	Osmania Girl's High School, Nampalli	
833	Sultana Begam	II	do	
834	Akhtar Sultana	II	do	
835	Kaniz Fatema	II	do	
836	Rashida Banu Siddiqi	II	do	
837	Mohammadi Begam	II	do	
838	Khadija Banu	II	do	
839	Abida Begam	III	do	
845	Qadirunnisa Begam	III	Girls' City High School	
854	Aijaz Fatema Begam	II	do	
855	Soghra Fatema		do	

			Women's Training High School, Hyderabad.
858	Arifunnisa Begum	III	
859	Afsar Sultana	III	do
861	Zohra Sultana	II	do
865	Vahid Banu Begam	Completed	do
868	K. V. Hira Devi	III	do
869	Asiya Begam	Completed	do
871	Hameeda Begam Quraishi	do	do
872	Sayyida Begam	do	do
880	Hashimi Begam	III	Private
897	Aliya Begam	Completed	do
903	Iqbal Mansur	do	do
910	Syed Mohammad Ismail	do	do
911	Mohinddin Mohammad Abdul Qadir	III	do
916	Khalirur Rahman	III	do
921	Mohd. Abdul Qayyum	III	do
922	Mohd. Saadat Khan	III	do
923	Syed Zahiruddin Ahmad	II	do
924	Syed Ghous	III	do
937	Mohd. Ishaq Kalyanavi	III	do
938	Mir Jafar Husain	II	do
940	Jawadul Hasan	II	do
942	Abdul Qadir	II	do
943	Mohd. Mahboob Ali Siddiqi	III	do
972	Mohd. Sharifuddin	III	do
973	Mohd. Abdul Muqtadir	III	do
974	Mohd. Moinuddin Khan Dalazi	III	do
975	Mohd. Abdul Hakeem Khan	II	do
978	Syed Ali Mohammad Jafari	III	do
980	Syed Anwar Hydar Zaidi	II	do
987	Mirza Ahmad Baig	II	do
994	Abul Qasim Vahiduddin Husain	II	do
995	Syed Mustafa Husain	II	do

Roll No.	Name	Class	School	Remarks
996	Mohd. Abdul Rashid Quraishi	III	Private	
998	Mohd. Ahsan Ali	II	do	
999	Mohd. Omar Khan	III	do	
1001	Digambar Rao	III	do	
1003	Digambar Keshav Rao Arvikar	III	do	
1006	Dwarkadas	II	do	
1008	Kannhiya Lal Kakray	II	do	
1022	Shamrao Deshmukh	II	do	
1041	Digambar Bongay	II	do	
1042	Narhar Rao Deshmukh	III	do	
1043	Kalidas Despanday	II	do	
1046	Balram	III	do	
1055	Bengnath Markanday	II	do	
1056	D. Krishan Rao	II	do	
1057	Ganpatrao Jaganathrao Kharodkar	II	do	
1059	Ganpatrao Dnglurkar	II	do	
1060	Parshutamrao Deshpandiya Basarkar	II	do	
1061	Bhagwan Rao Sharadkar	II	do	
1076	M. Ananth Chari	III	do	
1086	N. Raghvendar Rao	III	do	
1091	Advi Rao Kulkarni	II	do	
1092	G. Bhimsen Rao	II	do	
1098	Venkatesh Joshi	II	do	
1102	Virpakshappa	III	do	
1109	Mirza Mohammad Baig	III	do	
1118	Mohd. Osman Mouj	II	do	
1131	P. Ganga Reddy Nirmalkar	II	do	
1137	A. Soam Reddy	II	do	
1138	P. V. Rama Reddy	II	do	
1145	S. Shantraj	II	do	

No.	Name			
1150	Ananth Ram Reddy	:	III	do
1155	Mahboob Ali Khān	:	II	do
1164	Mohd. Hikmatulla Siddiqi	:	III	do
1170	Mohd. Naimuddin	:	III	do
1184	Mohd. Khaja Abu Yusuf Ali	:	III	do
1185	Mohd. Faizul Husain Khajapuri	:	II	do
1189	Syed Hafizuddin	:	III	do
1192	Khaliluddin Ahmad	:	II	do
1193	Khalid Abul Mansoor	:	III	do
1199	Dhondiraj	:	II	do
1204	G. Ramnarsayya	:	II	do
1205	Ramkishan Rao Tabeeb	:	II	do
1206	G. Ramachari	:	III	do
1209	G. Sitaramanja Chari	:	II	do
1210	Gopalrao Takliker	:	III	do
1211	P. Gopalrao	:	II	do
1212	B. Prajmana Beddy	:	II	do
1214	Lakshmikant Rao Lakhkar	:	II	do
1216	Achivatrao Chappalgoankar	:	II	do
1218	Srinivas Achariya	:	III	do
1219	A. Venkat Swamy	:	II	do
1220	Srinivas Rao	:	II	do
1221	Ambadas Rao	:	II	do
1224	Saheb Rao Patel	:	II	do
1225	Babu Rao Jamkar	:	II	do
1226	Damodar Rao Matekar	:	II	do
1227	Manohar Boarday	:	II	do
1228	Devidas Kulkarni	:	II	do
1230	Basan Gouda Bhavi	:	III	do
1231	Vishvenath Basolay	:	III	do
1234	Ramkishan	:	II	do
1235	Venkat Narsiivan Reddy	:	II	do
1236	Jagpat Rao	:	III	do

Roll No.	Name		Class	School	Remarks
1242	Padmakar Kobirkar	:	III	Private	
1243	D. Datatray Rao	:	II	do	
1245	Syed Moinuddin	:	III	do	
1248	Narayan Achari	:	II	do	
1252	Khaja Muzaffar Ahmad	:	III	do	
1253	Sardar Ali	:	Completed	do	
1321	Mohd. Zahiruddin Quraishi		do	do	
1335	Mohd. Ahmad Ali		do	do	
1349	P. Ramkrishna Reddy		do	do	
1353	P. Tirmallayya	:	do	do	
1362	Abdul Majid Khan	:	do	do	
1382	Manikrao Bhodhankar	:	do	do	
1385	Mohd. Abdul Gafoor Khan	:	do	do	
1389	Sitaram Alegaonkar Patwari		do	do	
1392	Mohamed Mazheruddin	:	do	do	
1397	Mohd. Mahmud Ali Ansari	:	do	do	
1399	Vishvenathrao Nilegaonkar		do	do	
1404	Lachman Jairam Pandit		do	do	
1407	D. Chandarshakar Naidu	:	do	do	
1413	Mohd. Abdulla	:	do	do	
1417	Shankar Vitthal Rao	:	do	do	
1423	Syed Shah Asadulla Husaini-ul-Bokhari		do	do	
1426	Paposhish Rao	:	do	do	
1428	Goind Kulkarni	:	do	do	
1436	Syed Habib Ahmad		do	do	
1441	M. Yallayya	:	do	do	
1442	Agha Ibrahim Husain	:	do	do	
1444	Datatri Rao Bhoray	:	do	do	
1450	Ramkishan Kalamkar		do	do	
1451	V. Venkat Rao	:	do	do	

1456	Mohd. Abdul Majid	...	do
1457	Syed Maqdoom Mohiuddin	...	do
1458	Mohd. Abdul Gani Alandi	...	do
1460	Khaja Mohiuddin Siddiqi	...	do
1463	Mohd. Bukmuddin	...	do
1472	Yadorao Deshpandiya	...	do
1475	Syed Khaja Mahmud Qurashi	...	do
1476	Mohd. Iqbal Ahmad Siddiqi	...	do
1480	Mohd. Akbar Khan	...	do
1486	Keshav Rao Joshi	...	do
1489	M. Narayan Rao	...	do
1490	Kishtayya	...	do
1495	Mohd. Isa	...	do
1497	Mohd. Vahid Ahmad Suharwardi Yadgiri	...	do
1499	Shaik Abdul Qadir	...	do
1502	Abdul Hafiz	...	do
1508	R. Datatray Rao	...	do
1511	Sridhar Rao Dharmapurikar	...	do
1517	Virappa Huggi	...	do
1520	Madhorao Patel Mukhedkar	...	do
1523	Syed Sardar Mohammad	...	do
1524	Mohd. Hasham	...	do
1532	Mohd. Abdul Vahid	...	do
1533	Ramrao Shaitkar Udgir	...	do
1534	J. Lalit Ram Parshad	...	do
1537	Mohd. Maqdoom Sharif	...	do
1538	Ghulam Amjad Siddiqi	...	do
1544	Mohd. Ishaq	...	do
1546	Gajanan Rao	...	do
1550	Mohd. Jaffar Ali Khan	...	do
1551	Mohd. Saghirulla	...	do
1554	Sarveshwar Rao Bukshi	...	do
1556	Datatray Jinturkar	...	do

Roll No.	Name	Class	School	Remarks
1559	Ghulam Mohammad	Completed	Private	
1561	Baia Ahmad Quraishi	do	do	
1562	Taj Batnam	do	do	
1565	Srinivas Namday	do	do	
1566	Mohd. Siraj Ali	do	do	In Theology.
1567	Narsing Rao Pardikar	do	do	
1568	Gopalrao Vetal	11	do	
1569	Mohamed Moinuddin Khan	Completed	do	
1571	Mohd. Azizuddin Ambari	do	do	In English only: holder of Maulvi Certificate, Madrasai-Nizamiah.
1573	Mohd. Ehsanulla	Passed	do	
1574	Abdul Malik	do	do	
1575	Mohd. Ibrahim Khan	Completed	do	
1579	Mohd. Khaja Ansari	do	do	
1580	Mohd. Abdul Hameed	do	do	
1581	Mohd. Ashraf Ali	do	do	
1582	Mirza Sulaiman Baig	do	do	Ex-name: Mohd. Abdul Jabar.
1586	Mohd. Abdul Baqar	do	do	
1587	Mohd. Abdun Nabi Kodangali	do	do	
1590	Syed Roushan Owsavi	do	do	
1591	Masood Ali	do	do	
1592	Mohd. Hidayat Ali Bilgrami	do	do	
1593	Hamid Ali Khan	do	do	
1594	Mirza Bismilla Baig	do	do	
1595	Syed Ghulam Dastagir Qadri Taleb	do	do	
1597	Syed Sadiq Husain	do	do	
1599	Ahmad Husain Ansari	do	do	
1600	Shaik Mohammad	do	do	
1602	Mohd. Khalil Ahmad	do	do	
1607	Mohd. Abdul Gaffar	do	do	
1608	Mohd. Abdul Aziz Siddiqi	do	do	

1610	Syed Yusuf Husain	: :	do	do
1611	Mohd. Jamal Ahmad Siddiqi Tuljapuri	: :	do	do
1613	Mohd. Jafar Ayyubi	: :	do	do
1614	Mohd. Imam	: :	do	do
1616	Mirza Mohammad Mahdi	: :	do	do
1618	Mohd. Mazharul Haq	: :	do	do
1620	Ghulam Jilani	: :	do	do
1622	Mohd. Yar Khan	: :	do	do
1624	Mohd. Moinuddin	: :	do	do
1627	Mohd. Akbar Husain	: :	do	do
1628	Mohd. Abdur Rahman Siddiqi	: :	do	do
1631	Mohd. Sharfuddin	: :	do	do
1632	Mohd. Osman	: :	do	do
1633	Syed Moinuddin Ahmad	: :	do	do
1635	Syed Khaja Pir	: :	do	do
1637	Mohd. Ibrahim Khan	: :	do	do
1638	Mohd. Ibrahim Athar	: :	do	do
1639	Syed Ishaq Mahdavi	: :	do	do
1640	Mohd. Bahauddin	: :	do	do
1641	Mohd. Abdur Rashid	: :	do	do
1642	Mohd. Mustafa Sharif	: :	do	do
1644	Mir Ahmad Ali Hashimi	: :	do	do
1645	Taher Ahmed Khan	: :	do	do
1646	Mohd. Kazim Ali	: :	do	do
1647	Mohd. Abdul Abdul Qadir	: :	do	do
1648	Mohd. Abdur Rauf	: :	do	do
1649	Syed Shamsuddin Ahmad Jafari	: :	do	do
1653	Khaja Moinuddin Shan	: :	do	do
1655	Syed Yusuf Daimi	: :	do	do
1656	Mohd. Abdun Nur	: :	do	do
1657	Vahiduddin Ahmnd	: :	do	do
1659	Manik Chandar	: .	d o	do
1660	G. Narsimlu	: :	d o	do

Roll No.	Name	Class	School	Remarks
1661	Jaga Reddy	Completed	Private	
1664	Vishvanath Rao Deshpanday	do	do	
1665	Daneyya	do	do	
1666	G. E. Malkarjan Rao	do	do	
1669	Narayan Rao Naligaonkar	d o	do	
1670	Venkat Kishan Rao	d o	do	
1672	Kashinathrao Lakshmanrao Malrir	d o	do	
1673	Narsihvan Reddy	do	do	
1674	Yadogururaj Patwari	do	do	
1679	Narayan Tak	do	do	
1681	Narayanrao Chakorkar	do	do	
1684	Srinivas Rao Prendkar	do	dc	
1685	ShankarRao Khandapurkar	do	do	
1686	Narhar Rao Bhoomkar	do	do	
1687	S. Kishan Rao	do	do	
1088	Sish Bhat	do	do	
1691	Lakshmikant Rao Dharurkar	do	do	
1697	Vinayak Rao Joshi	d o	do	
1698	Lakshmikant Arjkhedkar	d o	do	
1701	B. Vir Raghvachari	do	do	
1707	Madhvachari Hamurkar	do	do	
1708	Sangan Bassappa	do	do	
1710	Narsing Rao Satalkar	do	do	
1714	Murlidhar Rao Raiji Parlay	do	do	
1715	Syed Bukshish Abbas	do	do	
1716	Mohd. Abdul Alim	do	do	
1719	Syed Abdul Waheel	do	do	
1720	Mohd. Abdul Jalil	do	do	
1721	Mohd. Abdul Latif	do	do	
1722	Mohd. Roushan	do	do	

1723	Shaik Mohinddin	...	do	do
1724	Iftiqar Ahmad Khan Razvi	...	do	do
1725	Shaik Chand	...	do	do
1726	Mohd. Muzaffaruddin	...	do	do
1727	Yasin Mohiuddin Qadri	...	do	do
1728	Syed Hydar	...	do	do
1729	Damodhar Rao	...	do	do
1730	Ramkishan Bharangay	...	do	do
1731	K. Narsimlu	...	do	do
1732	Narsihvan Achari Hanjaki	...	do	do
1736	Shama Chari	...	do	do
1740	Mohd. Azizulla Khan	...	do	do
1741	Mohd. Abdul Hameed Sabiri	...	do	do
1742	Yusuf Husain Ahmad	...	do	do
1743	Ghulam Mohinddin Ahmad	...	do	do
1744	Syed Ahmaduddin Ahmad	...	do	do
1745	Fayazuddin	...	do	do
1746	Khaja Moinuddin Khan	...	do	do
1747	Syed Aminuddin	...	do	do
1748	Mohd. Abdur Razzak Kalami	...	do	do
1749	Mohd. Ibrahim	...	do	do
1754	B, Mallayya	...	do	do
1758	Ghulam Ahmad Minai Ajal	...	do	do
1759	Mir Ali Ahmad	...	do	do
1760	Mir Hydaruddin Ahmad Khan	...	do	do
1761	Mohd. Saadat Khan	...	do	do
1762	Ghulam Mohinddin	...	do	do
1763	Venkatesh Shenday	...	do	do
1764	Mohd. Mahboob Ali	...	do	do
1766	Syed Jafar Ali	...	do	do
1767	Mohd. Rahimuddin	...	do	do
1769	Mohd. Abdul Quddus	...	do	do
1770	Shaik Hydar	...	do	do

Roll No.	Name	Class	School	Remarks
1771	Sultan Mohiuddin	Completed	do.	
1772	Mohd. Nuruddin Siddiqi	do	do.	
1774	Syed Dilawar Ali	do	do	
1778	W. Karanraj Saksena	do	do	
1779	A. Gopalrao	do	do	
1780	Parbhukar Rao	do	do	
1781	Vasdav Rao Kohirkar	do	do	
1782	Amaji Bajurkar	do	do	
1783	P. Venkat Rao	do	do	
1784	Balaji Parlaghwankar	do	do	
1785	Datatray Joshi	do	do	
1787	Unkareshwar Rao Pathak	do	de	
1788	Bapu Rao	do	do	
1790	Sadasiv Rao	do	do	
1791	Kishan Rao	do	do	
1795	Bandachari	do	do	
1797	Digambar Shivrao	do	do.	
1801	Sukhdev Parshad	do	do	
1802	Mohd. Nizamuddin	do	do	
1803	Mir Rahmat Ali	do	do	
1805	Partapam Vedantachari	do	do	
1806	Ganpat Rao	do	do	
1808	Syed Mohammad Mujtaba Ali Kazimi	II	do	
1809	C. N. Reddy	II	do	
1811	Kishan Singh	II	do	
1813	A. Raja Reddy	III	do	
1814	Jagannth Khalekar	III	do	
1815	Narhari	II	do	
1816	Jaganath Rao Hapalgaonkar	II	do	
1817	K. Kishtammachari	II	do	

			Osmania High School, Aurangabad.
1819	Mohd. Azimuddin Khan	III	do
1822	Rajeshwar Rao	Completed	do
1831	Akbar Khan	III	do
1836	Syed Akbar Mahdi	III	do
1837	Mohd. Naseer Siddiqi	III	do
1839	Bam Rao Patel	II	do
1840	Ramchandar Pathak	II	do
1841	Venkatrao Deshpanday	III	do
1847	Gopal Malharrao Kulkarni	III	do
1849	Mohd. Kalilulla Faruqi	II	do
1850	Syed Abdur Rashid Patni	II	do
1852	Syed Akhtarul Haq	III	do
1853	Mahmud Ali Khan	III	do
1854	Qazi Mohammad Nasiruddin	III	do
1855	Kishan Das	III	do
1856	Mohd. Khaja Hasan	III	do
1857	Shaik Mahboob	III	do
1858	Rixvan Baig	II	do
1860	Mohd. Ismail	II	do
1862	Khalil Ahmad Yusuf Zai	III	do
1863	Asghar Ali	III	do
1865	Mohd. Abdul Qadir	III	do
1866	Abdul Wahed	II	do
1867	Madhu	II	do
1870	Baban Joshi	II	do
1871	Deenanath Jaganathrao Panday	III	do
1872	Shankar	III	do
1873	Lakshman Rao Kherdekar	III	do
1875	Parshutam Dhadkar	III	do
1876	Lakshman Joshi	II	do
1878	Goind Udavant	II	do
1879	Lakshmikant Mudkhedkar	III	do
1882	Dwarkadas	Completed	do

Roll No.	Name	Class	School	Remarks
1884	Mohd. Fayuzuddin	Completed	Osmania High School, Aurangabad.	
1885	Syed Vahiduddin	do	do	
1886	Syed Mohiuddin Husaini	do	do	
1887	Mohd. Abdul Habib Siddiqi	do	do	
1888	Yahiya Bin Abdulla	do,	do	
1890	Mohd. Abdul Waheed Aseem	II	Osmania High School, Jalna	
1891	Mohd. Abdul Karim Kumar	II	do	
1892	Nilkunth Kotlekar	II	do	
1893	Bhavrao Deshmukh	III	do	
1894	Vitthalrao Deshpanday	III	do	
1895	Mohd. Shuhabuddin Shamin	III	do	
1898	Uttamrao Deshmukh Dhakalgaonkar	III	do	
1899	Shridharrao Ambadkar	II	do	
1903	Ghulam Mohiuddin Khan	III	Osmania High School, Bir	
1904	Syed Abdur Rab	III	do	
1906	Mohd. Yusuf	III	do	
1907	Osman Ali Khan	III	do	
1908	Rao Saheb Parznay	III	do	
1909	Chaggan Singh Hazari	III	do	
1912	Shivappa Seetay	III	do	
1913	Nagorao Rao Kulkarni	II	do	
1916	Bhimrao Deshmukh	II	do	
1917	Malinath Jain	II	do	
1918	Dinkar Deshpanday	III	do	
1920	Syed Basit Ali	III	do	
1921	Manik Gadsay	III	do	
1928	Sardar Begam	II	Osmania Girl's High School, Aurangabad	
1929	Atiyya Fatema	II	do	
1930	Rafiya Sultana	Completed	do	

1934	Nurunnisa Begam	...	do	Private
1935	Maqbool Begam	...	do	do
1941	Ram Rao Veday	...	III	do
1965	Vitthal Rao Deshpanday Parturkar	...	III	do
1966	Lakshman Deshmukh Kandarkar	...	II	do
1998	Digambar Khochay	...	Completed	do
2000	Doulatrao Patel	...	do	do
2008	Mohd. Ilias	...	do	do
2011	Rangnath Parladrao Malay	...	do	do
2023	Mohinuddin Moosa	...	do	do
2026	Goind Rao	...	do	do
2031	Ganesh Malay	...	do	do
2032	Datatray Deshmukh	...	do	do
2036	Kashinath Rangnath	...	do	do
2039	Srirang Desmukh	...	do	do
2043	Tukaram Bidkar	...	do	do
2044	Mohd. Vahiduddin Siddiqi	...	do	do
2045	Mohd. Abdus Samad	...	do	do
2051	Enknuddin	...	do	do
2055	Qazi Siraj Mohiuddin Ahmad	...	do	do
2057	Narayan Venkatrao Kayarkar	...	do	do
2061	Datatray Rao Sangvikar	...	do	do
2067	Bhanudas Rao Joshi	...	do	do
2069	Vasant Rao	...	do	do
2074	Damodar Rao Jagtap	...	do	do
2076	Mohd. Masood	...	do	do
2077	Kashinath	...	do	do
2079	Vitthal Rao Chincholikar	...	III	do
2080	Ramrao	...	II	do
2081	Pandurang Rao Saradkar	...	II	Osmania High School, Gulburga
2082	Hafiz Abdul Karim	...	II	do
2083	Mohd. Husain	...	III	do
2084	Shaik Abdur Razzak	...		

Roll No.	Name	Class	School	Remarks
2085	Mohd. Yusufuddin	III	Osmania High School, Gulbarga	
2086	Shaik Saleh Quraishi	III	do	
2087	Mohd. Daday Piran	III	do	
2093	Mohd. Abdul Hameed Moinabadi	II	do	
2096	Manik Bhat	II	do	
2097	Gunday Rao Bheramadgikar	II	do	
2098	Kalyan Rao	II	do	
2099	Balkishan Rao	III	do	
2102	Sivayya Hiremath Ganhalkar	II	do	
2103	Bevan Siddayya Gondemurkar	III	do	
2104	Manmohan Shorapuri	II	do	
2105	V. Tippanna Lingsigurkar	III	do	
2108	Syed Jafar Ali	II	do	
2110	Ahmad Mohinuddin	III	do	
2111	Syed Sadiq Husain	III	do	
2113	Mohd. Abdur Razzak	II	do	
2114	Tayyab Ali	III	do	
2117	Giyanappa	II	do	
2119	Sankapur Venkatrao	II	do	
2120	Sriramachari	II	do	
2121	Mohd. Qutbuddin Aqil	III	do	
2125	Mohd. Hamid	III	do	
2126	Mohd. Qasim Ali Khan	II	do	
2127	Syed Aminuddin Qadri	II	do	
2131	Syed Nasiruddin Hashimi	II	do	
2132	Mohd. Muslehuddin	II	do	
2133	Mohd. Qutbuddin Siddiqi	II	do	
2134	Syed Bahmat Husain	II	do	
2135	Mohd. Abdul Wahab	II	do	
2137	Nagorao Ramrao Bhojbhalay	II	do	

2138	Thakur Amar Singh Punvar	...	II	do
2139	P. Nilkunth	...	III	do
2140	Khandoji	...	II	do
2141	Kertusa Rangrez	...	III	do
2142	M. Partab Rao	...	III	do
2143	Partab Rao Naidu	...	II	do
2144	Shesha Chari	...	II	do
2145	Agha Ali Ahsan	...	II	do
2148	Mohd. Abdul Hameed Gurmitkali	...	Completed	do
2151	Lambana Bapu Rao	...	III	Nautan Vidyala High School, Gulbarga
2152	Martand Rao	...	II	do
2153	Vishvenath Balaji	...	III	do
2154	Nagappa Gadgappa	...	III	du
2157	Virbhadrapa Shivmurthi Apa	...	II	do
2158	Vitthalrao Khanderao Kolhari	...	III	do
2159	Sidramappa Shivlingappa	...	II	do
2160	Sanmukkappa Narsappa	...	II	do
2162	J. Tirath Ramachari	...	III	do
2164	Narsingh Shankar Bhat	...	II	do
2165	Anantachari Venkobachari	...	III	do
2170	Bandachari Gorachari	...	III	do
2177	G. Krishtammachari Raghvendrachari	...	II	do
2179	Mohd. Abdul Qadir Boragpalli	...	III	Osmania High School, Yadgir
2183	Syed Husain	...	II	do
2186	Rachyya	...	II	do
2189	Naganna	...	III	do
2190	Sidramappa	...	III	do
2192	Habib Ahmad	...	II	do
2195	Rang Naikhu	...	II	do
2199	Mohd. Khalilur Rahman Kaprur	...	III	do

Roll No.	Name	Class	School	Remarks
2206	Ganday Rao	II	Osmania High School, Yadgir	
2209	Ghulam Dastagir	III	do	
2210	Mohd. Abdul Qadir	Completed	Osmania High School, Raichur	
2215	Mohd. Abdul Qadir	II	do	
2216	M. Narsihvan Achari	II	do	
2222	Mirza Ahmad Ali Khan	Completed	do	
2223	Mohd. Vajihuddin	II	do	
2227	Syed Manzurul Hasan Razvi	II	do	
2229	Mohd. Abdul Aziz	Completed	do	
2231	Fasihuddin Ahmad	II	Osmania High School, Latur	
2233	Muslehuddin	III	do	
2234	Vasdev Natorkar	III	do	
2237	Vasant	III	do	
2239	Jaganath	II	do	
2241	Mohd. Alimuddin Quraishi	III	do	
2242	Murlidhar	III	do	
2243	Mohd. Husain Osmani	III	do	
2247	Vasant	III	do	
2249	Babu Rao	II	do	
2253	Kishen Rao Ajlamkar	III	do	
2254	Mahalingappa Sangvikar	III	do	
2255	Rangnath	II	do	
2258	Dwarkadas	III	do	
2259	Mohd. Jamil Ahmad Siddiqi Osavi	Completed	do	
2264	Khairunnisa Begam	do	Private	
2267	Mohd. Nizamuddin	III	do	
2273	Shaik Mahboob Ali	II	do	
2274	Damodhar	III	do	
2277	Vishvanath Rao Telkar	III	do	
2283	Ram Rao	III	do	

2285	Damodar Rao	III	...	do
2287	Panchaksharayya Chalgera	II	...	do
2288	Hanmanthachari Upadhiyey	II	...	do
2289	K. Chanveerayya	II	...	do
2290	D. Hanmanthrao Hemchatay	II	...	do
2294	Mohd. Minhajuddin	II	...	do
2297	Daya Singh	II	...	do
2298	Raghvendar Rao Kallurkar	II	...	do
2301	Ahmad Husain	II	...	do
2304	Mohd. Nadeem	II	...	do
2305	Mir Mahmud Ali	II	...	do
2308	B. Ramachari	II	...	do
2309	Shivlingappa Ghongray	III	...	do
2310	G. Hanmanth Rao	II	...	do
2311	Parlhad Rao	II	...	do
2314	Nurandappa	II	...	do
2315	B. Narayanrao Srinivasrao	III	...	do
2316	Mohd. Masthan Zafar	II	...	do
2317	Narhar Kishan Rao Ghoglay	II	...	do
2330	Venkatachari	Completed	...	do
2331	Shivayya Shastri	do	...	do
2342	Ghulam Jilani	do	...	do
2349	Manik Rao	do	...	do
2351	P. M. Panchaksharayya	do	...	do
2360	Pandurang	do	...	do
2361	Bhimsen Srinivas Rao	do	...	do
2363	Syed Ahmad Ali	do	...	do
2366	Mohd. Ismail	do	...	do
2369	Mohd. Mahmud Ali	do	...	do
2371	Mohd. Hafizuddin	do	...	do
2374	Mohd. Abdus Salam	do	...	do
2379	Raghvendar Rao Naikal	do	...	do
2381	Deenkar Rao Moramkar	do	...	do

Roll No.	Name	Class	School	Remarks
2382	K. Gir Rao	Completed	Private	
2386	N. Srinivas Rao	do	do	
2387	B. Narayan	do	do	
2388	Girnath Rao	do	do	
2390	Kashinath	do	do	
2392	S. Raghvendar Rao	do	do	
2393	Datairi Joshi	do	do	
2394	M. S. Heraymath	do	do	
2395	Venkatesh Rao	do	do	
2399	Kashappa	do	do	
2400	Vishombar Puray	do	do	
2401	Ananthrao Damodhar Rao Deshpanday	do	do	
2402	Mohd. Abdul Hameed Nalvari	do	do	
2403	G. Channayya	do	do	
2404	Bhimsenrao	do	do	
2405	Vishvanath	do	do	
2407	Syed Abdul Karim	II	Osmania High School, Warangal.	
2408	Mir Iqbal Ali	II	do	
2409	Lal Khan	II	do	
2410	Mohd. Afzal	II	do	
2412	Makdoom Husain	II	do	
2413	Mohd. Sardar Ali	II	do	
2415	Abdul Vadood Khan	II	do	
2418	L. Narayan Swamy	II	do	
2419	Y. Srinivas Rao	II	do	
2422	K. Raghva Rangarao	II	do	
2423	T. Manohar Rao	II	do	
2425	T. Vatavara Swamy	II	do	
2428	Mohd. Abdul Mabood	II	do	
2431	Mohd. Najmuddin	II	do	

2432	Mohd. Manzoor Ahmad	...	II	do
2433	Mohd. Ghousuddin	...	II	do
2436	Syed Monawar Ali	...	III	do
2437	Shabbir Khan	...	II	do
2438	Mohd. Sarwar Khan	...	II	do
2441	A. Kishan Rao	...	III	do
2442	K. V. Kishan Rao	...	II	do
2444	Chandrayya	...	III	do
2445	Mohd. Ubaidur Rahman Adhami	...	III	do
2446	Syed Badruddin	...	II	do
2447	Syed Sayeeduddin	...	II	do
2448	Mohd. Abdul Aziz	...	III	do
2449	Syed Mahmud Qadri	...	II	do
2450	Syed Ishtiaq Husain	...	III	do
2451	Mohd. Khalilur Rahman Sayeed	...	II	do
2454	Mohd. Akhtaruz Zaman	...	III	do
2456	Mohd. Afzal Husain	...	III	do
2458	Mohd. Ahmad Husain	...	II	do
2460	Mohd. Abdul Bari	...	III	do
2461	M. Venkat Narsihvanchari	...	III	do
2462	Vira Reddy	...	II	do
2463	Tulja Singh	...	III	do
2465	S. Satya Narayan	...	II	do
2467	L. Ramayya	...	II	do
2469	P. Radhakishan Naidu	...	II	do
2470	B. Paliraj	...	III	do
2473	K. Kumarayya	...	III	do
2474	M. Gopalreddy	...	III	do
2475	S. Jagannathchari	...	II	do
2476	Gangaram	...	III	do
2477	Durgarao			do
2480	T. Vedant Chari	...	II	do
2484	S. Sambayya	...	II	do

Roll No.	Name		Class	School	Remarks
2485	S. Rajesham	..	III	Osmania High School, Warangal.	
2486	G. Parshutam Rao	..	II	do	
2487	C. Narayan Reddy	..	II	do	
2489	M. Kishtayya	..	III	do	
2490	Chantayya	..	II	do	
2491	B. Srihari	..	III	do	
2492	Mohd. Abdul Hakeem	..	III	Osmania High School, Mathwada	
2494	Ghulam Mustafa	..	III	do	
2496	Mohd. Abdur Rahman	..	III	do	
2498	Mirza Mohd. Mustaq Husain Beg	..	III	do	
2500	Mohd. Abdus Sattar	..	Completed	do	
2501	Syed Bashiruddin Ahmad	..	II	Osmania, High School, Khammam	
2502	Mohd. Jafar Ali	..	III	do	
2503	S. Sheshayya	..	III	do	
2504	M. Raghomaikhu	..	II	do	
2505	A. Venkat Ram Rao	..	III	do	
2506	Ahmad Hameedulla Siddiqi	..	II	do	
2507	R. Rangarao	..	III	do	
2508	Narsihvanchari	..	II	do	
2509	Alval Vaasdev Rao	..	II	do	
2510	D. Narayan	..	III	do	
2512	V. Ramlu	..	III	do	
2513	M. Prakashrao	..	II	do	
2514	Palvail Venkat Ramrao	..	II	Osmania High School, Karimnagar	
2517	Syed Mahmud Bazvi	..	III	do	
2520	G. Sambayya	..	II	do	
2522	Syed Mohammad Ismat	..	II	do	
2524	Mohiuddin Ahmad	..	II	do	
2529	Moin Mohammad Khan	..	III	do	
2530	Mohd. Abdur Rahim	..	III	do	

No.	Name		Class	School
2532	Mohd. Abdul Haq Thakur Sarpurkar	..	II	do
2533	Malla Reddy	..	II	do
2534	B. Narayan	..	II	do
2535	J. Ramrao	..	III	do
2537	E. B. Bhomrao	..	II	do
2538	N. Vishvanatham	..	II	do
2539	B. Venkat Ratnam	..	II	do
2541	N. Raghulu	..	III	Osmania High School, Jagthial.
2543	Mohd. Sirajuddin	..	II	do
2544	Mohd. Abdul Vaheed Ansarri	..	III	do
2545	Mohd. Abdul Basit Hazari	..	III	do
2546	Ghous Mohiuddin	..	II	do
2548	Syed Shujauddin Qadri	..	III	do
2549	Mohd. Yusuf Ali	..	III	do
2550	M. Narsayya	..	III	do
2551	Mohd. Jafar	..	II	do
2552	Mohd. Tajuddin	..	II	do
2555	Mohd. Burhanuddin Akbar	..	III	do
2556	Mohd. Imdad Husain Quraishi	..	III	do
2557	Shaik Abdulla	..	III	do
2558	Mohd. Kaimuddin	..	III	do
2559	Vajihal Ramayya	..	II	do
2561	A. Ganga Reddy	..	II	do
2563	Venkat Narsingrao	..	II	do
2564	B. Venkat Rao	..	II	do
2567	Chaka Hanmandlu	..	II	do
2568	K. Gangaram	..	III	do
2569	Zulaika Begam	..	III	Osmania Girl's High School, Hanamkunda,
2570	Khairunnisa Begum	..	III	do
2571	K. Yanajakshi	..	II	do
2572	C. Barundavnam	..	Completed	do
2577	Sayyida Hydari Begam	..	do	Private

Roll No.	Name	Class	School	Remarks
2590	Mohd. Naseeruddin	II Completed	Private	
2612	Mohd. Ghulam Husain	do	do	
2615	M. Kishan Rao	do	do	
2623	G. Venkat Ram Narsayya	do	du	
2624	Mohd. Isa	do	do	
2625	J. Appa Rao	do	do	
2626	Mohd. Yasin Khan	do	do	
2627	Mohd. Mazhar Husain	do	do	
2629	Palur Kankayya	do	do	
2630	C. Lakshma Reddy	do	do	
2633	Paglapati Venkateshvar Rao	do	do	
2637	Syed Altafur Rahman	do	do	
2639	V. Ranga Rao	do	do	
2640	Mirza Mahmud Baig	do	do	
2641	G. Kankayya	do	do	
2642	G. Satya Narayan Rao	do	do	
2645	Syed Masroor Hasan Razvi	do	do	
2648	Mohd. Maqdoom Ali	do	do	
2649	Mohd. Yasin	do	do	
2650	Mohd. Ali	do	do	
2651	P. Viramankayya	do	do	
2652	M. Lakshmi Narsihvanchari	do	do	
2654	M. Kishan Rao	do	do	
2655	Bhimayya	do	do	
2656	K. Ram Reddy	do	do	

MATRICULATION EXAMINATION 1350 F. (1941).

Roll	Name	Class	School	Remarks
1	Mohd. Abdus Sattar Khan	I	Osmania High School, Darul-Uloom.	
373	Mohd. Hameedulla Khan	I	Anwarul-Uloom High School, Nampalli	
517	A. Lakshmi Narayan	I	Osmania High School, Nalgonda.	
2219	Bhimsen Rao	I	Osmania High School, Gulburga.	
313	Vitthal Rao	I	Osmania Hihg School, Nampalli.	
2638	K. Venkat Narsing Rao	I	Private	
428	Ramrao Bhusikar	I	Anwarul-Uloom High School, Nampalli	
884	Rahmani Begam	I	Women's Training School	
154	Syed Abdul Ahed	I	Govt. City High School	
172	C. Narsihvan Reddy	I	do	
2449	Mohd. Fasihuz Zaman Quraishi	I	Osmania High School, Warangal.	
299	Mohd. Jafar	I	Osmania Hihg School, Nampalli.	
325	Syed Abdul Hafiz	I	Osmania High School, Darush-Shifa.	
2481	Manthani Sanjayya	I	Osmania High School, Warangal.	
407	Mohd. Yasin	I	Osmania High School, Anwarul-Uloom, Nampalli	
502	Mir Afzaluddin	I	Osmania High School, Nalgonda.	
2465	K. Radhakishan Rao	I	Osmania High School, Warangal.	
138	Syed Mohammad Ali Baqari	I	City High School, Balda	
2320	Sheharyar Banu Haqqani	I	Osmania Girl's High School, Gulbarga	
314	Vitthalgir	I	Osmania Hihg School, Nampalli.	
554	Sattur Ramchandarayya	I	Osmania High School, Mahbubnagar.	
184	Mohd. Habibur Rahman Siddiqi	I	Osmania High School, Darul-Uloom.	
698	Ishwanth Deshpandiya	I	Yogeshwari Nautan Vidyala High School, Mominabad.	

FACULTY OF THEOLOGY

Roll No.	Name	Class	School	Remarks
2	Syed Yusuf Ali	II	Osmania High School, Darul-Uloom.	
3	Ubood Bin Mohammad	II	do	
4	Mohd. Abdul Jabbar Khan	III	do	
6	Mohd. Husain Ali	II	do	
7	Mohd. Imam Gouri	III	do	
8	Nisar Ahmad	II	do	
9	Mohd. Abdur Rahim	II	do	
10	Abdul Majid Siddiqi	II	do	
11	Mohd. Sadiq	II	do	
12	Shaik Mahboob	II	do	
13	Shahabuddin Gouri	II	do	
14	Sirajuddin Ahmad	II	do	
15	Mohd. Muzammil Husain Khan	III	do	
17	Syed Abdun Naim	II	do	
18	Mohd. Rafiuddin Farooqi	II	do	
19	Syed Arifuddin	II	Osmania High School, Chanchalguda	
20	Mahmud Ahmad	II	do	
21	Mohd. Sharfuddin	II	do	
22	Mohd. Ismail Ali Khan Nagad	III	do	
24	Syed Iftikar Ali	II	do	
25	Mohd. Osman Ali Ansari	II	do	
26	Mahboob Ali Khan	II	Osmania High School, Bidar.	
27	Mohd. Bashiruddin	III	do	
28	Mohd. Saadat Ali Bakshi	III	do	
29	Shaik Mahtab	II	do	
30	Masihuddin Ahmad	II	do	
31	Syed Mahmud Ali	II	do	
32	Mohd. Ishaq Zaheerabadi	Completed	do	
34	Ghulam Dastagir Shaida	II	Osmania High School, Nalgonda.	

No.	Name		Class	Institution
35	Ghulam Mohammad	:	II	do
36	Amir Ahmad	:	II	do
37	Mohd. Moinuddin Qadri	:	III	Osmania High School, Jalna
38	Mohd. Ghulam Mohiuddin Ahmad	:	II	Private
39	Mohd. Abdul Hameed	:	III	do
44	Mohd. Abdul Hameed Khan	:	II	do
45	Mahmud Ali	:	III	do
47	Ghulam Siddiq	:	II	do
48	Mohd. Nawaz Khan	:	III	do
54	Mohd. Mushtaq Husain Ansari	:	Completed	do
57	Khaja Sharif	:	do	do
58	Mohd. Abdulla Siddiqi	:	do	do
59	Shah Abul Hasan Qadri	:	do	do
60	Mohd. Bashiruddin	:	do	do
61	Syed Tajuddin	:	do	do
62	Mohd. Moinuddin	:	do	do
63	Abdul Majeed	:	do	Osmania High School, Raichur
64	Mohd. Fayazuddin	:	do	Private
65	Abdul Hadi	:	do	do
66	Qazi Syed Ghousuddin Ahmad	:	do	do
68	Mohd. Subhanuddin	:	do	do
70	Syed Miran Mohiuddin	:	do	do
71	Mohd. Abdul Qayyum	:	do	do
72	Syed Ahmad Karimulla	:	do	do
73	Ahmad Mohiuddin	:	do	do
74	Syed Mohammad	:	II	Osmania High School, Aurangabad.
75	Ahmadulla Khan	:	III	Osmania High School, Parbhani
77	Abdur Razzak	:	Completed	Osmania High School, Raichur
83	Qudratulla Khan	:	II	Osmania High School, Mathwada
86	Abdur Rasheed Siddiqi	:		

FACULTY OF ARTS

No.	Name		Class	Institution
91	Syed Fariduddin	:	II	City High School, Balda

Roll No.	Name	Class	School	Remarks
92	Sultan Bin Omar	II	City High School, Balda	
93	Musa Raza Sayeed	II	do	
94	Mirza Azhar Jan Beg	II	do	
96	Syed Hamid Husain	II	do	
97	Mohd. Abdul Baqi Khan	II	do	
98	Mohd. Safiuddin Siddiqi	II	do	
99	Mohd. Sulahuddin Ahmad	II	do	
100	Mohd. Sher Ali	II	do	
101	Mohd. Aziz Ahmad	II	do	
104	Mohd. Manzoor Ahmad	II	do	
105	Ali Murtaza Khan	II	do	
107	Syed Abdul Hakeem	II	do	
108	Mohammad Ubaid Ahmad Khan	II	do	
110	Mohd. Asghar Ali Khan Amanzai	III	do	
111	Mohd. Moinuddin Ahmad	II	do	
113	Inam ul Haq Quraishi	II	do	
114	Mohd. Sherfuddin	III	do	
115	Abu Sultan Valeeluddin Mohammad	III	do	
116	Shah Zaman Khan	II	do	
119	M. Murlidhar	III	do	
120	D. Shankar Rao	II	do	
121	Vasdev Rao Ambekar	II	do	
122	Keshav Rao Kulkarni	II	do	
124	Mohd. Abdul Basit Khan	II	do	
125	Mohd. Abdul Majeed	II	do	
126	Syed Mohd. Yusuf	II	do	
127	Ahmad Nurul Murtaza	III	do	
130	Syed Moinul Haq	III	do	
131	Syed Mohd. Akhtar Raza	II	do	
133	Mohd. Rahmatulla Khan	II	do	

135	Mohd. Khurshid Ahmad	...	III	do
136	Syed Ali Hasham	...	III	op
137	Agha Hasan Raza	...	II	do
140	Syed Nurulla Husaini	...	III	do
142	Mohd. Salimulla	...	II	do
143	Syed Moinuddin	...	III	do
145	Abdur Rashid Khan	...	II	do
146	Syed Asadulla	...	II	do
148	Syed Khaja Abdul Qadir Chishti	...	III	do
149	Habib Alvi	...	II	do
150	Moinuddin Quraishi	...	II	do
151	Syed Turabuddin	...	II	do
152	Ahmad Raffi	...	III	do
153	Abdur Rab Bin Salam	...	III	do
157	Mohammad Abdul Farid	...	II	do
158	Qari Ahmad Jalahiddin	...	II	do
159	Khadev Mohammad Khan	...	II	do
160	Ghulam Dastagir	...	II	do
161	Mumtaz Ahmad Khan	...	II	do
162	Mir Kifayat Ali	...	II	do
163	Hari Sarvatam Rao	...	III	do
164	Ram Kishnia	...	III	do
165	Vishvanath Rao	...	II	do
166	S. P. Narsihvan Rao	...	III	do
167	Jagan Mohan Reddy	...	III	do
169	B. Narain Reddy	...	II	do
171	K. Satya Narain	...	II	do
173	Narain Rao	...	II	do
174	R. Ram Kishan Rao	...	II	do
176	Kishan Rao	...	II	do
177	P. V. Narsihvan Rao	...	III	Osmania High School, Darul-Uloom
178	Mohd. Ubaidulla Khan	...	III	do
179	Mir Azam Ali	...	III	

Roll No.	Name		Class	School	Remarks
180	Syed Khaja Moinuddin	:	III	do	
181	Mohd. Rasool Khan	:	II	do	
182	Mir Sarfaraz Ali	:	III	do	
183	Ahmad Yusuf Ali Razvi	:	II	do	
186	Mohd. Ahmaduddin	:	II	do	
187	Malik Mohd. Murtaza Ali Khan Nagad	:	II	do	
188	Syed Atifulla Husaini Arif	:	II	do	
189	Mohd. Abdur Rahim	:	II	do	
190	Fateh Naseeb Khan	:	III	do	
192	Syed Ali Baqar Bilgrami	:	II	do	
193	Jehangir Parshad Saksena	:	II	do	
197	Mohd. Izharul Haq	:	II	do	
198	Mohd. Qasimuddin	:	II	do	
199	Mohd. Nusrat Ali Ansari	:	III	do	
200	Shaik Husain	:	III	do	
201	Syed Khaja Husain	:	II	do	
202	Syed Shah Habibulla Husaini-ul-Bukhari	:	II	do	
203	Mohd. Habibulla Khan	:	II	do	
204	Mohd. Fazlul Haq	:	II	do	
207	Syed Mohd. Vaziruddin	:	III	do	
209	Shaik Ibrahim	:	II	do	
211	Moinuz Zaman	:	II	do	
212	Syed Mumtaz Ali	:	II	do	
213	Ghulam Sadiq	:	II	do	
214	Mohd. Mahmud Ali	:	II	do	
215	Mir Khurshid Ali	:	II	do	
216	Mohd. Vajhuddin	:	II	do	
218	Khaja Kazimuddin	:	II	do	
219	Ahmad Husain	:	III	do	
220	Mohd. Jehangir	:	II	do	

No.	Name		School
221	Hasan Nizamuddin	III	do
223	Mohd. Jehangir	II	do
224	Mohd. Ruknuddin	II	do
226	Dastagir Parshad	II	City High School, Balda
227	Yusuf Osman Sayeed	II	do
228	Mohd. Khurshid Ahmad	III	do
229	Mir Ahmad Ali	II	do
230	Mohd. Yakub Ali Khan Faruqi	II	do
232	Mohd. Moinuddin	II	do
233	Kaisar Parshad	II	do
234	C. H. Amamaheshwar Rao	II	do
235	Ananth Rao	II	do
236	R. Ram Reddy	II	do
237	B. Radhakrishna Murthi	III	do
238	Soam Rao	II	do
239	M. Narayan Rao	II	do
240	Ainath Rao Bhusekar	II	do
241	Mohd. Taqi	III	do
244	Mir Mohd. Ali	III	Osmania High School, Nampalli
246	Mohd. Iqbal Ahmad	II	do
247	Mohd. Abdul Hameed	II	do
249	Ziaul Islam Siddiqi	III	do
250	Mohd. Hamid Ali Khan	III	do
251	Sirajuddin Ahmad Hashimi	III	do
252	Syed Ahmadulla Qadri	III	**do**
255	Shaik Mahboob	II	**do**
257	Syed Khalil Ahmad	II	do
258	Lal Reddy	III	do
259	Mohd. Abdul Gafoor	II	do
260	Syed Sakhi Bahadur	II	do
261	Mohd. Ashraf Ali Khan	II	**do**
262	Mohd. Abdul Quddus	II	**do**
267	Sayeed Bin Omar	II	**do**

Roll No.	Name	Class	School	Remarks
180	Syed Khaja Moinuddin	III	do	
181	Mohd. Rasool Khan	II	do	
182	Mir Sarfaraz Ali	III	do	
183	Ahmad Yusuf Ali Razvi	II	do	
186	Mohd. Ahmabddin	II	do	
187	Malik Mohd. Murtaza Ali Khan Nagad	II	do	
188	Syed Aziculla Husam Arif	II	de	
189	Mohd. Abdur Rahim	II	do	
190	Fateh Naseeb Khan	III	do	
192	Syed Ali Baqar Bilgrami	II	do	
193	Jehangir Parshad Saksena	II	do	
197	Mohd. Izharul Haq	II	do	
198	Mohd. Qasimuddin	II	do	
199	Mohd. Nusrat Ali Ansari	III	do	
200	Shaik Husain	III	do	
201	Syed Khaja Husain	II	do	
202	Syed Shah Habibulla Husaini-ul-Bukhari	II	do	
203	Mohd. Habibulla Khan	II	do	
204	Mohd. Fazlul Haq	II	do	
207	Syed Mohd. Vaziruddin	III	do	
209	Shaik Ibrahim	II	do	
211	Moinuz Zaman	II	do	
212	Syed Mumtaz Ali	II	do	
213	Ghulam Sadiq	II	do	
214	Mohd. Mahmud Ali	II	do	
215	Mir Khurshid Ali	II	do	
216	Mohd. Vajhuddin	II	do	
218	Khaja Karimuddin	II	do	
219	Ahmad Husain	III	do	
220	Mohd. Jehangir	II	do	

No.	Name	Class	School
221	Hasan Nizamuddin	III	do
223	Mohd. Jehangir	II	do
224	Mohd. Rukuuddin	II	du
226	Dastagir Parshad	II	City High School, Balda
227	Yusuf Osman Sayeed	II	do
228	Mohd. Khurshid Ahmad	III	do
229	Mir Ahmad Ali	II	do
230	Mohd. Yakub Ali Khan Faruqi	II	do
232	Mohd. Moinuddin	II	do
233	Kaisar Parshad	II	do
234	C. H. Amarneshwar Rao	II	do
235	Ananth Rao	II	do
236	R. Ram Reddy	II	do
237	B. Radhakrishna Murthi	III	do
238	Soam Rao	II	do
239	M. Narayan Rao	III	do
240	Ainath Rao Bhusekar	II	do
241	Mohd. Taqi	II	do
244	Mir Mohd. Ali	III	do
246	Mohd. Iqbal Ahmad	III	Osmania High School, Nampalli
247	Mohd. Abdul Hameed	II	do
249	Z'aul Islam Siddiqi	III	do
250	Mohd. Hamid Ali Khan	II	do
251	Sirajuddin Ahmad Hashimi	III	do
252	Syed Ahmadulla Qadri	III	do
255	Shaik Mahboob	II	do
257	Syed Khalil Ahmad	II	do
258	Lal Reddy	III	do
259	Mohd. Abdul Gafoor	II	do
260	Syed Sakhi Bahadur	II	do
261	Mohd. Ashraf Ali Khan	II	do
262	Mohd. Abdul Quddus	II	do
267	Sayeed Bin Omar	II	do

Roll No.	Name	Class	School	Remarks
268	Syed Ahmedulla Husaini	II	do	
269	Zafar Mohammad Khan	II	do	
270	Mohd. Abdur Rab Khan	II	do	
280	Arjun Parshad	II	do	
281	Madhava Chari	III	do	
283	Martand Rao	II	do	
284	Hanmanth Rao	II	do	
285	Vaman Rao	II	do	
286	Tirmal Rao	III	do	
288	Venkayya	III	do	
289	Vedanth Rao	II	do	
290	Ahmad Bin Sayeed Balala	II	do	
293	Malik Asif Husain	III	do	
294	Syed Ishaq Husaini	II	do	
295	Syed Mohammad	III	do	
298	Mohd. Osman	II	do	
300	Rukmuddin	III	do	
301	Syed Shahabuddin	III	do	
302	Syed Anwar Ali	II	do	
303	Ghous Mohammad Khan Dalazai	II	do	
305	Syed Fakhral Hasan	II	do	
307	Mohd. Moinuddin Khan	II	do	
309	Syed Yakub Husain	III	do	
311	Mohd. Abdun Naim	II	do	
312	Sarauga Pani	II	do	
315	Narain Rao	II	do	
319	M. R. Venkat Batnam	II	Osmania High School, Darush-Shifa.	
322	Mohd. Abdul Hai	II	do	
323	Mohd. Abdul Hameed Ansari	II	do	
324	Qazi Jalil Ahmad			

No.	Name		Class	School
326	Mohd. Yahiduddin Hilal	...	II	do
327	Mohd. Majid Ahmad Faruqi	...	II	do
328	Mohd. Abdul Jalil Ansari	...	II	do
329	Mohd. Mazhar Ali	...	II	do
331	Ahmad Mohiuddin Rauf	...	III	do
332	Mohd. Murtaza Ali	...	II	do
335	Mohd. Jahandar Ali	...	II	do
338	Mohd. Naseeruddin	...	II	do
342	Syed Shabbir Ali Jafari	...	II	do
343	Syed Akhtar Husain Razvi	...	III	do
344	Syed Amir Husain Naqvi	...	III	do
345	Mir Sardar Ali Ilham	...	III	do
348	Baggayya	...	II	Osmania High School, Chanchalguda
350	Syed Asadulla Husaini	...	II	do
351	Shah Alam Khan	...	II	do
354	Mohd. Abdul Qadeer Siddiqi	...	II	do
356	Khaja Karimuddin	...	III	do
357	Mohd. Moinuddin	...	II	do
358	Sikandar Ali Khan	...	II	do
359	Dara Kishtayya	...	III	do
360	Shaik Mahboob	...	II	Asafia High School, Mainkpet.
361	Mohd. Husain	...	II	do
362	Mirza Yasin Beg	...	II	do
363	Shaik Imam	...	II	do
364	Mohd. Manzoor Ali Khan	...	II	do
365	Mohd. Asghar Ansari	...	II	do
366	Nur Mohammad Sharif	...	II	do
367	Syed Azizuddin	...	II	do
368	Ghulam Ahmad	...	II	do
369	Karan Parshad	...	II	do
371	Mohd. Mahboob Khan Dharuri	...	II	Anwarul-Uloom High School,
374	Ghulam Mirzai	.	II	do

Roll No.	Name	Class	School	Remarks
376	Mohd. Azam Ali	II	do	
377	Mohd. Amjad Ali Khan Amjad	II	do	
378	M. Mahboob Ali	III	do	
379	Syed Jamil Ahmad	II	do	
380	Syed Manzoor Ahmad	II	do	
381	Mohd. Ibrahim Khan	II	do	
382	Mohd. Ismail	II	do	
384	Syed Qadir Ali Khan	III	do	
388	Syed Amjad Ali	II	do	
389	Mohd. Amjad Ali Khan	III	do	
390	Mohd. Latifuddin	II	do	
391	Nisar Ahmad	III	do	
392	Syed Zakir Husain Naqvi	III	do	
395	Mohd. Ismail Siddiqi	III	do	
403	M. J. Ram	II	do	
404	Shaik Abdur Rahim	II	do	
405	Syed Khadir Ali	II	do	
406	Mohd. Mahmud Khan	II	do	
409	Mahboob Khan	III	do	
410	Ghulam Mohammad Nasiruddin	II	do	
412	Mohd. Sardar Khan	II	do	
413	Moosa Abdur Rahman Siddiqi	III	do	
421	Mohd. Yusuf Sharif	III	do	
422	Mohd. Vizarat Ali Khan	III	do	
424	A. R. Gopal Rao	II	do	
425	Manik Rao Kulkarni	III	do	
426	Vitthalrao Powar	III	do	
429	G. Vitthalreddy	II	do	
430	Syed Ali Qadri	III	do	
432	Syed Saifuddin Hashimi	III	do	Osmania High School, Goshamahal

433	Mohd. Abdul Aziz Bhalmi	..	III	do
437	Syed Mohammad Mahdi Ali	..	II	do
439	K. Kepleshwaram Bhongirkar	..	II	do
440	S. Kishta Reddy	..	III	Osmania High School, Goshamahal
444	Mir Barkatulla Husaini	..	III	do
447	Mir Mohsin Ali	..	III	do
448	Mohd. Abdul Basit	..	II	do
449	M. Raghvendar Rao	..	II	do
450	Narsihwan Reddy	..	II	do
451	Gopalrao Shastri	..	II	do
452	Vaman Rao Masaday	..	II	do
456	Syed Nabi	..	III	Osmania High School, Medak
457	Khaja Gazanfarulla	..	II	do
458	Shah Mohammad Ghulam Jilani Qadri	..	II	do
460	L. Venkat Ratnam	..	II	do
461	G. Joseph	..	III	do
463	Khaja Rashiduddin Ahmad Ansari	..	III	do
464	Syed Rafiuddin	..	III	do
467	Syed Ehsanul Haq	..	III	do
468	Mohd. Abdul Aziz	..	III	do
469	Mohd. Ghous	..	III	do
470	Khaja Fariduddin Ahmad Ansari	..	II	do
471	K. V. Ramrao	..	III	do
472	C. H. Shantayya	..	III	Osmania High School, Medak
474	Venkat Adari	..	II	do
475	S. Satya Narayan	..	II	do
476	R. M. Asirvadam	..	II	do
478	C. H. Soloman	..	II	do
480	Mohd. Ishaq	..	Completed	do
481	Mohd. Omar Khan	..	III	Osmania High School, Nirmal.
483	Venkat Narsayya	..	II	do
484	Muthiam Reddy	..	II	do
488	Mohd. Abdul Vahed	..	II	do

Roll No.	Name	Class	School	Remarks
490	Manzoorul Haq	II	do	
491	Abidul Qadir	II	do	
492	Riaz Mohiuddin	II	do	
493	Mushtaq Ahmad	II	do	
494	Yeshvanth Rao Pardhkar	II	do	
495	Vishvenath Rao	III	do	
497	Venkat Reddy	II	do	
498	B. Kishen Singh	II	do	
499	Mohd. Ashiq Ali	III	Osmania High School, Nalgonda.	
500	G. Yadgir Rao	III	do	
501	Mohd. Mujeebuddin	II	do	
507	Mohd. Bashiruddin Ahmad	III	do	
510	B. Sitarama Reddy	II	do	
511	G. Sadhakar Reddy	II	do	
512	Narsikvan Rao	II	do	
513	B. Ram Bhushnam	III	do	
514	K. Gopayya	III	do	
515	T. R. Shivashankar	III	do	
516	D. M. Shankar Rao	II	do	
518	S. Nagendar Rao	II	do	
519	G. V. Suriya Prakash Naidu	II	do	
520	Mohd. Akhtar Husein	III	Osmania High School, Bidar.	
527	Dhodappa	Completed	do	
530	Ramrao Mumtakar	do	do	
531	Mohd. Firasat Ali Khan Farees	do	do	
552	Syed Moinuddin Ahmad Jafari	do	do	
533	Syed Alimuddin Udgiri	do	do	
534	Ghulam Mohiuddin Rahmani	do	do	
535	Mohd. Obdur Rahim Siddiqi	do	do	
536	Khaja Moinuddin	II	Osmania High School, Mahbubnagar.	

539	J. Shankar Rao	II	...	do
540	Chintal Kunda Reddy	II	...	do
543	Subba Rao	III	...	do
546	Mohd. Abdus Saleem	II	...	Osmania High School, Mahboobnagar
547	Ahmad Ali	III	...	do
549	Masoodul Masqati	II	...	do
550	Raghvendar Rao	III	...	do
551	L. Appanna	III	...	do
553	B. Madhav	III	...	do
555	Sattur Ram Lingum	II	...	Osmania High School, Nizamabad
562	Mohd. Kalimulla Khan	III	...	do
563	Shafiuddin Ansari	III	...	do
565	Ghous Mohiuddin	III	...	do
566	Syed Valued Ali	III	...	do
569	Manik Rao Bhodhanktr	III	...	do
571	B. R. Gangareddy	III	...	do
573	L. Lakshman Rao	III	...	do
576	S. Hanmanth Reddy	III	...	do
580	Hasan Mohiuddin	III	...	do
582	Venkat Rao	III	...	do
583	K. Srinivas Rao	III	...	do
591	M. Das	III	...	do
594	Venkatesh Rao	II	...	do
596	B. Manik Rao	II	...	do
597	Lakshman Rao	III	...	do
599	V. Venkat Ratnam	II	...	do
600	Bachu Venkat Rajayya	II	...	Osmania High School, Nizamabad
601	S. Bhagvan Das	II	...	do
602	M. Hanmanth Rao	III	...	do
607	Ghulam Mohammad Nisaruddin	Completed	...	do
610	Abu Saadat Ghulam Dastagir Naiti	do	...	do
611	Abdus Sattar	do	...	Osmania High School, Nanded
613	Mohd. Asadulla	III	...	do

Roll No.	Name	Class	School	Remarks
614	Mirza Ahmad Ali Beg Chogtai	II	do	
615	Mohd. Abdul Vahed	III	do	
616	Mohd. Ali Yar Khan	III	do	
619	Mohd. Abdul Qadir	III	do	
623	Ram Rao	III	do	
631	Mohd. Mujeebulla	II	do	
632	Mohd. Abdul Alim	III	do	
635	Vishvenathrao Panduy	III	do	
636	Sriram	II	do	
637	Venkatesh Amrajkar	II	do	
6?8	Gopnathrao Tekunay	III	do	
640	Chitersen Sodkar	III	do	
641	Ganpatrao Tamsaker	III	do	
643	Murlidhar Kallorekar	III	do	
6'6	Vrman	II	do	
647	Sitaram Papu	III	do	
648	Ramparshad Dobay	III	do	
653	Mir Ahmad Ali	Completed	Osmania High School, Nanded	
655	Mohd. Ali	III	Osmania High School, Mominabad.	
658	Krishnath	III	do	
663	Nago Rao	III	Yogeshwari Nautan Vidyala High School, Mominabad.	
644	Ganpat Deshmukh	II	do	
666	Ramraja	II	do	
668	Vijnathrao Joshi	III	do	
670	Tuljadas Deshpanday	III	do	
671	Shankar Rao Kalamkar	II	do	
672	Vasnut Rao	III	do	
673	Leha'i Lal	II	do	
675	Nagorao	III	do	

676	Hari Bhav	..	do
680	Shivaji	..	do
682	Lakshman	..	do
683	Vishvanath	..	do
684	Parbhu	..	Shri Yogeshvari Nautan Vidyala High School, Mominabad
686	Chintaman	..	do
687	Venkat Rao	..	do
689	Madho	..	do
690	Ganpat	..	do
692	Bhagwandas	..	do
697	Parlhad	..	do
699	Narayan	..	do
700	Narayan Rao	..	do
703	Shirkaran	..	do
704	Ramrao	..	do
705	Datatri	..	do
706	Babu Rao Lamay	..	do
707	Parshutam	..	do
709	Venkatesh	..	do
710	Mukand	..	do
711	Basant Parshad	..	do
712	Vishnu	..	do
713	Tukka Ram	..	do
715	Shankar Rao Deshpandiya	..	do
716	Vishvanath	..	do
717	Ramchandat	..	do
718	Vasant	..	do
724	M. Venkat Krishna Gupta	..	Osmania High School, Wanparth.
725	B. Venkat Ramareddy	..	do
726	K. Ramchandra Reddy	..	do
727	Mohd. Habibuddin	..	Osmania High School, Osmanabad
729	Mohd. Aijaz Husain Siddiqi	..	do
731	Kalidas	..	do

Roll No.	Name	Class	School	Remarks
732	Vasant	III	Osmania High School, Osmanabad	
733	Digambar	III	do	
737	Babu	III	do	
740	Syed Liaqat Ali	II	do	
741	Mohd. Osman	II	do	
742	Mohd. Mahmud	III	do	
743	Mohd. Tajuddin	III	do	
745	Datatri	III	do	
750	Bal Bhinrao	II	do	
751	Digambar	Completed	do	
752	Syed Abdul Jabbar	do	do	
753	Mohd. Abdul Khaliq	do	do	
754	Iman Jafar	III	Osmania High School, Parbhani	
755	Mohd. Abdul Qadir	III	do	
763	Ghulam Mohammad Khan Chishti	III	do	
768	Sadulla Khan	III	do	
770	Shish Rao	III	do	
771	Tuljadas	III	do	
772	Rangnath Sarde-hpanday	III	do	
773	Shankar	III	do	
778	Manohar	III	do	
780	Gangadhar Ripurkar	III	do	
783	Babu Rao	II	do	
789	Mohd. Athar Ali Khan Faruqi	II	do	
791	V. Kankam	II	do	
792	Bansilal Kabra	III	do	
793	Kelashnath Bhargav	III	do	
794	Vidyadhar Rao	III	do	
799	Parbhakar	III	do	
803	Digambar	III	do	

804	Batanlal Mandra	:	III	do
805	Sukha Ram	:	III	do
807	Mohd. Alaf Khan	:	Completed	do
809	Digambar Atoliker	:	III	do
811	Bhagwan Rao	:	III	Osmania High School, Parbhani
815	Parbhakar	:	IV	Osmania High School, Jalna
816	Raghonath	:	III	do
822	Mohd. Moinuddin	:	III	do
824	Mohd. Habibulla	:	II	do
826	Devidas Sridhar Rao Parubkari	:	III	do
827	Lakshmikant Sridhar Rao Parubkari	:	III	do
829	Sadiq Ahmad Osavi	:	II	Osmania High School, Latur
831	Mohd. Mustafa Mahdavi	:	II	do
832	Nagorao Kothekar	:	II	do
833	Ishwanth	:	III	do
834	Madhorao	:	II	do
835	Kishan Rao	:	III	do
837	Madhokar	:	III	do
838	Dasu	:	III	do
839	Lingayya	:	II	do
842	Chandarnath	:	II	do
843	Bhagwat Rao	:	III	do
844	Mahadev Appa	:	II	do
845	Raoji	:	II	Osmania High School, Latur
846	Devidas	:	II	do
849	Liaqat Ali Khan	:	Completed	do
852	Sayeedul Islam Zubairi	:	II	do
859	Abdul Majid Razvi	:	Completed	do
861	Madho Rao Julgekar	:	Completed	de
862	Zafar Banu Ansari	:	II	Girls' High School, Nampalli
863	Rahibunnisa Begam	:	II	do
864	Mumtaz Syed Ahmad	:	II	do
866	Mumtaz Jehen Banu	:	II	do
867	Laik Banu	:	II	do

Roll No.	Name		Class	School	Remarks
868	Kamla Devi Mahendra	:	II	Girls' High School, Nampalli	
871	Afsarunnisa Begam Siddiqi	:	III	Girls' City High School,	
872	Tayyaba Khatum Naqvi	:	II	do	
872	Bukmini Bai	:	III	do	
877	Zeenatunnisa Begam	:	II	Women's Training High School, Balda	
878	Raisunnisa Begam	:	III	do	
879	Rafiqunnisa Begam	:	III	do	
880	Safia Begam	:	II	do	
881	Razia Banu	:	II	do	
882	Amena Begam	:	II	do	
883	Basirunnisa Begam	:	III	do	
885	Umdatunnisa Begam	:	II	do	
886	Sayeeda Sultana	:	II	do	
889	Iftiqar Jahan Begam	:	Completed	do	
890	Sardar Begam	:	do	do	
902	Shahzadi Begam	:	III	Private	
903	Mahboob Fatema	:	III	do	
904	Mahboobunnisa Begam	:	III	do	
923	Qamarunnisa Begam	:	**Completed**	do	
931	Saidani Begam	:	do	Private Hyderabad.	
932	Kaniz Abbas Razvi	:	do	do	
934	Nur Jahan Begam	:	do	do	
935	Sayeedunnisa Begam Siddiqi	:	do	do	
940	Jafari Begam	:	do	do	
941	Khadeeja Begam	:	III	do	
944	Mirza Davar Ali Beg	:	III	do	
945	Mohd. Mansoor Ali Khan	:	III	do	
946	Abu Saleh	:	III	do	
952	Mirza Mohammad Munawar Ali Beg	:	III	do	
956	Masood Husain	:	III	do	

No.	Name			
961	Syed Rahmatulla Husaini	..	III	do
971	Qazi Mohammad Abdul Qayyum Osavi	..	III	do
978	Ahmad Husain Bimravi	..	II	Private
983	Mohd. Bashiruddin Faruqi	..	III	do
984	Mohd. Vajid Ali Khan	..	III	do
996	Shamsuz Zaman	..	III	do
1017	Mohd. Abdus Sattar Khan	..	III	do
1021	Mohd. Zainul Abideen	..	III	do
1027	Mohd. Khaja Laturi	..	III	do
1028	Mohd. Nawaz Siddiqi	..	III	do
1037	Krishan Tak	..	III	do
1050	Digambar Rao Shivnikar	..	III	do
1052	Srichand Choudhari Bidarkar	..	III	do
1053	Devidas Rao Tarkay	..	III	do
1065	Ambadas Rao Kulkarni	..	III	do
1093	Vasdev Raghvachari Kale	..	III	do
1094	Virbhadrappa Damti	..	II	do
1096	Goind Rao	..	III	do
1097	Ramchandar Rao	..	III	do
1145	Syed Sultan Ali Razvi	..	III	do
1151	Lakshmi Narsing Rao	..	III	do
1170	Syed Nurul Haq Rasheed	..	III	do
1172	Mohd. Jamal Khan	..	III	do
1174	Akbar Ali Khan	..	III	do
1182	Athar Ali Khan	..	III	do
1184	Mohd. Abdul Majeed Siddiqi	..	III	do
1186	Syed Qutbuddin Hashimi	..	II	do
1210	P. Hanmantu	..	II	do
1217	Dharamrao	..	III	do
1244	Mohd. Abdul Majeed Sahbai	..	III	do
1245	Mustafa Mohiuddin	..	III	do
1252	S. Rajlingam	..	III	do
1302	Mohd. Ghulam Husain Shahpuri		Completed	do

Roll No.	Name	Class	School	Remarks
1349	Syed Mohammad Abbas	Completed	Private	
1352	Rangnath Rao Baradkar	do	do	
1355	Narsihvan Rao Afzalpurkar	do	do	
1356	Syd Ahmad Hussin	do	do	
1371	Mohd. Nazeer Ahmad Quraishi	do	do	
1376	Madhorao Chitnavis	do	do	
1383	Mohd. Saadatulla	do	do	
1386	Izhar Ahmad Khan	do	do	
1402	Mohd. Abdul Karim Shahpuri	do	do	
1403	Mohani Baj Pathak	do	do	
1408	Gazanfar Ali Khan	do	do	
1451	Uttam Rao Kulkarni	do	do	
1454	Mir Tilawat Ali	do	do	
1459	Ikramulla Khan	do	do	
1460	Mir Mazhar Ali	do	do	
1461	Mohd. Ishratulla	do	do	
1463	Ghulam Mohammad Gouri	do	do	
1470	Goind Rao Deshmukh	do	do	
1475	Syed Ahmad Shah Khan	do	do	
1477	Goind Rao Bhagwanth Rao Pohay	do	do	
1488	Paljal Raghoranga Rao	do	do	
1490	Goind Rao	do	do	
1508	Vahid Ahmad Naqshbandi	do	do	
1524	Mohd. Abdur Rahim Quraishi	do	do	
1532	Qazi Salar Masood	do	do	
1534	Mohd. Khaja	do	do	
1535	Babu Rao Shambhrao Kanu	do	do	
1538	K. Venkat Ranga Reddy	do	do	
1542	D. Venkateshan	do	do	
1543	Hari Pujari	do	do	

1546	Sitaram Rao	...	Completed	Private
1550	K. Ramchandarayya	...	do	do
1553	Jandas Rao Sukkaram Pant Belukar	...	do	do
1554	Siddappa Khedki	...	do	do
1561	Syed Munawar Ali	...	do	do
1565	M. Ratnakar Rao	...	do	do
1570	M. Ramlakshmannachari	...	do	do
1571	Parihad Rao Niralker	...	do	do
1572	Mir Hydar Ali	...	do	do
1573	Ramrao Julekar	...	do	do
1575	P. Venkatswamy	...	do	do
1576	Mohd. Ishaq Khan	...	do	do
1578	Mohd. Nazeeruddin	...	do	do
1579	Mirza Mahboob Ali Beg	...	do	do
1588	Mohd. Arifuddin Ahmad	...	do	do
1589	K. Ganga Reddy	...	do	do
1593	M. A. Karim Khan Agha	...	do	do
1597	Mohd. Habibulla	...	do	do
1603	Mohd. Hafiz	...	do	do
1605	Ahmad Mohiuddin	...	do	do
1606	Dhondopant Ambakar	...	do	do
1610	Rangnath Rao Dangay	...	do	do
1614	Mohd. Shabbir	...	Passed	do
1616	G. Ramdas	...	Completed	do
1617	Syed Abdul Majeed	...	do	do
1619	Mohd. Husain	...	do	do
1620	Kant Rao Kanjurker	...	do	do
1621	Shankar Rao	...	do	do
1628	Mohd. Asadulla	...	do	do
1631	D. Rang Rao	...	do	do
1634	S. M. Raja Shankar	...	do	do
1635	Mohd. Abdur Bab Osmani	...	do	do
1639	Narsihvan Rao	...	do	do

Roll No.	Name	Class	School	Remarks
1641	Syed Ghous	Completed	Private	
1642	Mohd. Shujaauddin Faruqi	do	do	
1643	Mohd. Abdul Gafoor Hashimi	do	do	
1644	Mohd. Abdul Gafoor Khanjar	do	do	
1646	Mohd. Sayeed	Passed	do	
1648	Ahmad Fin Mohammad	Completed	do	
1650	Syed Muslehuddin Ahmad	do	do	
1651	Sultan Mahmood	do	do	
1653	Qazi Ahmad Abdul Hakeem Siddiqi	do	do	
1654	Mohd. Rafi Sheda	Completed	do	
1655	Moinuddin Khan	do	do	
1656	Narsimla Iyer	do	do	
1657	Syed Ahmad Husain Qadri	do	do	
1660	Habib Aliul Habshi	do	do	
1662	P. Gopal Reddy	do	do	
1663	Mohd. Abdus Sattar	do	do	
1667	Mohd. Abdus Rahim	do	do	
1674	K. Lakshmayya	do	do	
1675	Mohd. Rahat Ali Khan	do	do	
1676	C. Mallayya	do	do	
1678	Syed Khaja Azizuddin Hashimi	do	do	
1679	Balkishan	do	do	
1680	T. Venkatswamy	do	do	
1681	Tulsiram Lomtay	do	do	
1682	Narayan Rao Vaghmaray	do	do	
1683	Mohd. Nuseeruddin	do	do	
1684	Abul Ula Mohammad Hafeezuddin	do	do	
1685	Mohd. Shafiuddin	do	do	
1686	Vitthal Rao Jadhu	do	do	
1689	Jairam	do	do	

1691	Syed Qadim Husain Qadri	:	do	do
1693	Mohd. Ismail	:	do	do
1694	Tirambakram Kishan Rao Doiphoday	:	do	do
1696	Nagnath Ayaswamy Pipriker	:	do	do
1697	Mohd. Anwar Khan	:	do	do
1699	Syed Shah Ehsanulla Qadri	:	do	do
1701	Mohd. Iftikar Ahmad	:	do	do
1702	N. M. Jagirdar	:	do	do
1703	Nagashetti	:	do	do
1705	M. Venkatesham	:	do	do
1706	Mohd. Osman Siddiqi	:	do	do
1707	Mohd. Shamsuddin	:	do	do
1708	S. Kishta Reddy	:	do	do
1709	Mohd. Rahimuddin Abululai	:	do	do
1710	Bajrang-Singh Kabaray	:	do	do
1711	Mohd. Abdur Rasheed	:	do	do
1712	Ghulam Mohiuddin	:	do	do
1713	Goind Rao Kulkarni	:	do	do
1714	Mohd. Ishaq Kohiri	:	do	do
1715	Mohd. Abdul Khaliq Ansari	:	do	do
1719	Mahtab Singh	:	do	do
1720	Mohd. Habibur Rahman Osmani	:	do	do
1721	Ghulam Mohiuddin	:	do	do
1722	R. A. Goswamy	:	do	do
1723	Z. Kashiram Rao	:	do	do
1724	Syed Khan Mohammad Udgiri	:	do	do
1725	Babu Rao Bodhanker	:	do	do
1727	Habib Ahmadul Habshi	:	do	do
1728	P. R. Narayan Reddy	:	do	do
1732	Sharnappa	:	do	do
1733	Parlhad Rao	:	do	do
1734	Mohd. Abdul Qadeer	:	do	do
1735	Syed Abdul Gafoor Nalegaonkar	:	do	do

Roll No.	Name		Class	School	Remarks
1736	Syed Abdul Gaffar	..	Passed	Private	
1737	Syed Abdul Qadir	..	Completed	do	
1739	Mirza Ishaq Beg	..	do	do	
1741	Mohd. Aziz Husain		do	do	
1742	Madhokar Bangnathrao Jain Kalyanker..		do	do	
1743	C. Manik Reddy	..	do	do	
1744	Mohd. Abdul Azeem Siddiqi		do	do	
1745	Goind Rao Vaiday		do	do	
1746	Syed Mahfooz Ahmad		do	do	
1748	Mohd. Abul Qasim		do	do	
1751	S. Venkat Ramayya		do	do	
1752	M. Advi Rao	..	do	do	
1759	Anna Rao		do	do	
1761	G. V. Ramkrishna Reddy		do	do	
1765	Mohd. Sarwar Ali		do	do	
1767	Ahmad Abdur Rahman	..	do	do	
1768	Mohd. Khurshid Mohiuddin Hasan		do	do	
1769	Mohd. Abul Khair		do	do	
1770	Mohd. Abdul Qadeer Siddiqi		do	do	
1771	Mirza Kabir Beg	..	do	do	
1772	Mohd. Mahboob Ali		do	do	
1773	Syed Mohammad Yusuf		do	do	
1774	Hanmanth Bhat Joshi		do	do	
1775	Syed Mohammad Mahdi Hasan Kazini..		do	do	
1778	Ramrao Joshi Naigaonkar		do	do	
1779	Gulab Chand	..	do	do	
1780	Ganpat Rao Moharrir Aonradkar		do	do	
1781	Mohd. Abdush Shukoor	..	do	do	
1786	G. Gopayya Naidu	..	do	do	

1788	Mohd. Abdul Aziz Quraishi	...	do	do
1793	Mohd. Abdul Majeed Khan Hingolavi	...	do	do
1797	L. Subba Rao	...	do	do
1801	Nago Rao	...	do	do
1802	B. R. Ramlingam	...	do	do
1803	Mohd. Qasim	...	do	do
1805	Mohd. Husain	...	do	do
1806	Mohd. Rafiuddin	...	do	do
1807	M. Jiachari	...	do	do
1810	Mohd. Shamsuddin Khan	...	do	do
1813	Venkateshwar Rao	...	do	do
1816	Dinkar Vitthal Deshmukh	...	do	do
1817	T. V. Narsing Rao	...	do	do
1819	Mirza Mohammad Askari Kazimi	...	do	do
1825	Shaik Hasmuddin Choudhry	...	do	do
1826	Ahmad Pasha	...	do	do
1828	Syed Ahmad	...	do	do
1829	Mohd. Sirajuddin Faruqi	...	do	do
1830	C. Kanda Swamy	...	do	do
1831	Ghulam Jilani	...	do	do
1833	S. Srinivas Rao	...	do	do
1835	Syed Abdul Ali	...	do	do
1836	C. R. Kishan Rao	...	do	do
1838	Mohd. Abdul Latif Nilvadi	...	do	do
1839	T. Narsayya	...	do	do
1841	Narayan Martand Rao Sabnavis	...	do	do
1843	Hanmanth Rao	...	do	do
1844	Ram Rao Vadalkar	...	do	do
1848	Shaikh Ahmad Baruqi	...	do	do
1849	Tukkaram Sivalkar	...	do	do
1852	Murlidhar Rao	...	do	do
1853	Ananth Rao	...	do	do
1854	S. Krishnamurthy	...	do	do

Roll No.	Name	Class	School	Remarks
1856	Mirza Azmatulla Beg	Completed	Private	
1858	Advi Rao Sadapurkar	do	do	
1859	Mahdo Rao	do	do	
1862	Mohd. Yasin Anwar	do	do	
1866	Shaik Aziz Ahmad	do	do	
1868	B. Ramlingam	do	do	
1871	Lakshmikant Bodhanker	do	do	
1872	Dattatri Ladbaday	do	do	
1873	Mhfl. Abdul Hameed Khan	III	do	
1874	GiasuddinKhan Abbas Alvi	III	do	
1875	Mohd. Ali Raza Sayeed	III	do	
1876	Syed Piran Husaini	III	do	
1877	Syed Ismail	III	do	
1878	Ahmad Sayeedul Gaffar	II	do	
1879	Mirza Abdul Qadir Beg	II	do	
1880	Syed Mohinddin	III	do	
1881	Ganga Shankar Lal	Completed	do	
1883	D. Venkat Giri	III	do	
1884	Datatri Rao Katnesvarkar	Completed	do	
1885	Kasraj Venkat Subba Rao	I	do	
1886	Janardhan Reddy	II	do	
1887	Mohd. Abdul Qadir	III	Osmania High School, Aurangabad	
1888	Mohsin Ali	III	do	
1889	Syed Yakub Ali	III	do	
1892	Ghulam Dastagir Khan	II	do	
1895	Mohd. Abdur Rauf	III	do	
1896	Syed Imam Mashhadi	II	do	
1897	Mohd. Abdul Vaheed	III	do	
1898	Mohd. Ameer Ali	III	do	
1899	Mohd. Mumtazuddin Ansari	III	ac	

Year	Name			
1900	Nurúddīn	:	III	do
1901	Abdul Aziz Khan	:	III	do
1902	Mohd. Abdul Majeed	:	II	do
1903	Ahmadulla	:	III	do
1904	Ameenulla	:	II	do
1906	Mohd. Kalinuddin	:	II	do
1907	Mahboob Khan	:	III	do
1908	Qazi Mohammad Fariduddin	:	II	do
1909	Sabir Ali Khan	:	III	do
1910	Syed Ahmad	:	II	do
1912	Mirza Saadat Ali Beg	:	III	do
1913	Syed Yusuf	:	II	do
1914	Mohd. Shafi	:	II	do
1915	Syed Asaduddin Biyabani	:	III	do
1916	Parbhakar Lakshman Rao Boday	:	II	do
1918	Datatray Kulkarni	:	II	do
1920	Rangnathrao	:	III	do
1922	Vaman Lakshman Rao Deshpanday	:	III	do
1923	Venkat Rao Namlay	:	II	do
1924	Vasdev Narhar Rao Manday	:	III	do
1925	Sukharam Gangaram Muskay	:	III	do
1926	Ramparshad Ganga Parshad Sharma	:	III	do
1927	Vasdev Savlaram Kulkarni	:	III	do
1928	Murli Singh Man Singh	:	III	do
1929	Keshav Rao Deshmukh	:	III	do
1931	Kashinath Goindrao Pujari	:	III	do
1932	Goind Bhoray	:	III	do
1933	Gangadhar Narayan Rao	:	III	do
1934	Dev Rao Tirambak Rao	:	II	do
1935	Bhimrao Sridhar Rao Kulkarni	:	II	do
1936	Ananth Jaganath Rao	:	11	do
1937	Chandarkanth Pudlikar	:		do
1944	Ramrao Jaganath Rao	:		do

Roll No.	Name	Class	School	Remarks
1945	Datatray Kishanrao Ranjikar	III	do	
1946	Bhimrao Keshv Rao Nandapurkar	III	do	
1948	Kashinath Vagh	II	do	
1949	Balkrishan Takalkar	III	do	
1950	Ganpat Rao Kale	III	do	
1951	Khoshal Rao Motale	II	do	
1952	Lakshmikant Dharmadhikari	II	do	
1953	Ganpat Keshav Rao Takalkar	II	do	
1954	Vasant Rao	II	do	
1957	Mahmud Ahmad Khan Yusuf Zai	III	Aurungabad High School	
1965	Chandarkanth Kulkarni	III	do	
1966	Ramparshad Tandan	II	do	
1967	Syed Abdul Qavi Hashimi	III	do	
1968	Syed Mohammad Sardar Ali Abbasi	II	do	
1969	Syed Mohammad Abdulla	II	do	
1971	Malik Mohammad Sayeed	III	do	
1977	Syed Ameemul Hasan Abidi	II	do	
1980	Vitthalrao Tirker	III	do	
1981	Kishan Rao Vadolkar	II	do	
1982	Dinkar Malhar Rao Devlankar	II	do	
1986	Achot Rao Naik Rao Joshi	II	do	
1987	Ambadas Martand Rao Dhomale	III	do	
1989	Goind Rao Mahsekar	II	do	
1990	Lakshman Shankar Rao Veday	II	do	
1991	Narayan Lakshman Rao Kale	II	do	
1993	Ramchander Raghonath Mandada	II	do	
1994	Ratan Singh Khaunt	III	do	
1995	Babu Rao Deshmukh	II	do	
1996	Khaja Abul Huda	II	do	
1997	Dilawar Khan Yusufzai	III	do	

No.	Name			School
1998	Vishvas Rao Srikanth	:	III	do
1999	Narayan Rao Rangnath Rao Bir	:	III	do
2000	J. Rao Kulkarni	:	II	do
2001	Narayan Rao Madhekar	:	Completed	do
2002	Vasant Deshpandiya	:	do	do
2003	Sultan Mohammad Khan	:	do	do
2004	Kashinath Despanday	:	do	do
2005	Shaik Ubood Bin Mohammad Arabi	:	do	do
2006	Mohd. Ali Gouhar	:	III	Osmania High School, Bir
2007	Syed Salahuddin	:	II	do
2009	Ghulam Ahmad Mir	:	III	do
2010	Ahmad Mohiuddin Ansari	:	III	do
2012	Vishvanath	:	III	do
2013	Bhagwan Kulkarni	:	II	do
2014	Gopal Joshi	:	III	do
2015	Mohd. Manzurul Haq	:	III	do
2016	Mohd. Yusufuddin	:	III	do
2018	Vishnu Satpathay	:	II	do
2022	Kishan Singh	:	III	do
2023	Digambar Lahurikar	:	III	do
2025	Lakshman Tarmelay	:	II	do
2027	Badri Narayan Mantri	:	III	do
2028	Digambar Kadam	:	Completed	do
2029	Madhokar Chukekar	:	do	do
2030	Badruddin Ahmad	:	do	do
2031	Syed Abdur Basheed	:	do	do
2032	Ganesh Deshmukh	:	do	do
2033	Pandit Kulkarni	:	do	do
2035	Nur Mohammad Khan	:	III	do
2036	Syed Amir	:	III	do
2037	Syed Hyder Ali Jafari	:	III	do
2038	Mir Abid Ali Khan	:	II	do
2039	Vajarchand Jain	:		do

Roll No.	Name		Class	School	Remarks
2040	Mohd. Abdur Rahim	:	Completed	do	
2041	Qaisar Jahan Begam	:	III	Osmania Girl's High School, Aurangabad	
2045	Nur Jahan Begam	:	III	do	
2048	Badrunnisa Begam	:	Completed	Private	
2049	Rama Bai	:	do	do	
2067	Goind Rao	:	III	do	
2096	Govind Sridhar Rao	:	Completed	do	
2101	Narhar	:	do	Private	
2107	Digambar Pathak	:	Completed	do	
2109	Rangnath Mahajan	:	do	do	
2111	Baji Rao Kulkarni	:	do	do	
2115	Shankar Rao Deshmukh	:	do	do	
2118	Chintharaan Vaiday	:	do	do	
2126	Kishan Rao Bhanang	:	do	do	
2127	Mohan Singh	:	do	do	
1231	Ishaq Khan Gazi	:	do	do	
2134	Syed Habib	:	do	do	
2135	Srinivas Deshmukh Adgaonkar	:	do	do	
2140	Vishwambher Rao Rakshay	:	do	do	
2141	Tirimbak Rao Vaidiya	:	do	do	
2142	Digambar Pagay	:	do	do	
2144	Babu Rao Joshi	:	do	do	
2145	Raja Ram Julekar	:	do	do	
2148	Nagorao Joshi	:	do	do	
2149	Shabbir Ahmad	:	do	do	
2153	Hasan Mohiuddin Ahmad	:	do	do	
2154	Kashinath Rathi	:	do	do	
2157	Mohd. Abdur Rahman Patney	:	do	do	
2160	Syed Hashom	:	do	do	

No.	Name		Class	School	
2161	Abdus Samad Sarwari	...	do		do
2162	Desai	...	do		do
2166	Sayeeduddin Ahmad	...	do		do
2167	Mohd. Khaliluz Zaman	...	do		do
2168	Anand Rao	...	do		do
2171	Gafoor Ahmad	...	do		do
2172	Mir Mahmood Ali	...	do		do
2173	Ram Rao Choudhry	...	do		do
2174	Datatri Joshi	...	do		do
2175	Kashinath Ganjanan Molay	...	do		do
2178	Abba Rao Kobay	...	do		do
2181	Das Rao Mohanpurkar	...	II		do
2183	Sadashiv Bhagwan Rao	...	III		do
2187	Shaik Mahmood	...	II	Osmania High School, Gulbarga	do
2189	Fathulla Osmani	...	II		do
2190	Mohd. Osman Ali	...	III		do
2191	Mohd. Baqar	...	III		do
2192	Mohd. Abdul Bari	...	III		do
2193	Mohd. Sadruddin Ahmad Khan	...	III		do
2201	Vitthalchari Kadlur	...	III		do
2202	Mohd. Abdul Hamed Siddiqi	...	III		do
2205	Zubair Ahmad Khalidi	...	III		do
2207	Qazi Mohammad Ali	...	III		do
2208	Syed Abdul Basit Haqqani	...	II		do
2209	Mohd. Hasan Khan	...	III		do
2211	Syed Mohammad Ali	...	III		do
2213	Mohd. Sayeeduddin	...	III		do
2214	Husain Shujaatulla	...	III		do
2215	Mohd. Abid Ali	...	III		do
2216	Khaja Mohammad Moinuddin Qadri	...	II		do
2217	Ali Bin Sayeed	...	II		do
2218	Kishan Rao, C.	...	II		do

Boll No.	Name	Class	School	Remarks
2223	Mohd. Abdul Hai	Completed	Osmania High School, Gulbarga	
2224	Bashir Ahmad	do	do	
2226	Mohd. Abdul Hameed Raichuri	do	do	
2227	Vitthal Rao	do	do	
2230	Kishan	III	Nautan Vidyala High School, Gulbarga	
2231	Sangappa Moramkar	III	do	
2232	Shankar Rao Jolikar	II	do	
2235	Yasdev Chari	II	do	
2236	Mahdevappa Madgaday	III	do	
2237	Bhamdas	II	do	
2239	Mahalingappa Moramkar	III	do	
2243	Pampon Gouda Nolikar	III	do	
2244	Amergouda	III	do	
2248	K. Srinivas	III	do	
2251	Bhalchandar Deshmukh	II	do	
2254	Prem Shankar	III	do	
2255	Goind Rao Kulkarn	II	do	
2257	Garbhim Kulkarni	III	do	
2258	B. Sangappa	II	do	
2260	Amborao Chitapurkar	III	do	
2262	Datatri	III	Osmania High School, Yadgir	
2268	Bangrao Deshpanday	II	do	
2269	Shivlingappa	III	do	
2270	P. Kuppachari	III	do	
2283	Syed Abdur Razzak Mir	II	do	
2284	Abul Hasmat Abdus Sattar	Completed	Nautan Vidyala High School,	
2286	Narayan Rao	do	do	
2288	Azizur Rahman	do	do	
2290	Mohd. Qasim			

No.	Name		Class	Institution
2291	Mohd. Abdul Hameed Gurmitkali	...	do	do
2300	H. Anrappa	...	do	Osmania High School, Raichur
2302	Syed Sirajul Hasan	...	III	do
2303	Hanmanth Rao	...	II	do
2304	Malhar Rao	...	III	do
2306	M. Ramrao	...	III	do
2307	Ghulam Qadir	...	II	do
2308	Chaggan Lal	...	III	do
2309	Datatri Rao	...	II	do
2310	A. Madho Rao	...	II	do
2311	K. Ramkishan Rao	...	II	do
2313	D. S inivas Rau	...	II	do
2314	S. Ram Rao	...	II	do
2316	Mohd. Ibrahim	...	do	do
2317	Syed Sarmad Ali	...	do	do
2318	Syed Qadir Pasha	...	do	do
2319	Mohd. Hasan Mohiuddin	...	do	do
2321	Naseem Fatema Begam	...	II	Osmania Girl's High School, Gulbarga
2322	Manki Pai	...	III	do
2338	Basvant Rao	...	II	Private
2339	Basoraj	...	II	do
2346	Mohd. Nematulla	...	II	do
2348	M. Nurappa	...	II	do
2350	Iyappa Bassappa	...	III	do
2383	P. Sharan Gouda Inamdar	...	Completed	do
2384	Papayya	...	do	do
2389	Shankar Vishvanath Rao	...	do	do
2393	Makhdoom Ali Ahmad	...	do	do
2405	Mohd. Abdul Karim Hydari	...	do	do
2409	Srinivas Rao Kammurkar	...	do	do
2417	Bandachari	...	do	do
2418	Baswanth Rao	...	do	do
2419	Mohd. Abdul Vahed Sufi	...	do	do

Roll No.	Name	Class	School	Remarks
2420	Bhim Rao	do	Osmania High School, Warangal.	
2422	Mohd. Ihsanulla	II	do	
2423	Mohd. Abdur Rahman	III	do	
2426	Mohd. Sardar Ali Khan	II	do	
2427	Mohd. Suleman	II	do	
2428	Khaja Moinuddin	II	do	
2429	Mohd. Ablus Saleem	III	do	
2430	Mohd. Jafar Ali	III	do	
2431	Abu Mohammad Syed Karimulla Qadir	III	do	
2432	T. V. Satya Narayan	II	do	
2434	G. Rajeshwar Rao	II	do	
2438	Mohd. Kabiruddin Ahmad	III	do	
2440	Mazaffaruddin Khan	III	do	
2441	P. Murlidhar Rao	II	do	
2445	N. Gopalkishan Rao	II	do	
2448	S. Venkatayya	III	do	
2450	Ahmad Nurulmujtaba Suharwardi	II	do	
2451	Azizuddin Khan	II	do	
2452	Syed Imtiaz Husain	III	do	
2453	Khaja Abdul Latif Faruqi	II	do	
2454	Mohd. Abdul Qayyum	II	do	
2456	Syed Ataur Rahman	II	do	
2459	Ahmad Husain	II	do	
2462	P. Gopal Reddy	II	do	
2463	P. Ganpat Rao	III	do	
2466	P. Ramayya	III	do	
2467	A. Sambayya	II	do	
2468	Y. Sanjayya	II	do	
2469	K. Kishan Rao	III	do	
2470	T. Lakshmi Narayan	III	do	

No.	Name	Grade		School
2471	C. Janardhan Lingam	III	...	do
2472	P. Sudarshnam	III	...	do
2473	Y. Virbhadr Rao	II	...	do
2474	J. Venkateshvar Rao	III	...	do
2476	M. Venkatayya	II	...	do
2477	K. Venkat Sambayya	III	...	do
2479	V. L. N. Tatachari	II	...	do
2483	G. Narayan	III	...	do
2485	Lakshmi Narsayya	III	...	do
2489	Syed Zulfiqar Hydar	II	...	do
2495	P. Ram Narayan	III	...	do
2499	Mohd. Vahiduddin	III	...	do
2502	Syed Ismail	III	...	do
2503	Shamsuddin Ahmad	III	...	do
2505	Mohd. Abdur Razzak	III	...	do
2510	Ghulam Yazdani Ahmad	III	...	do
2511	C. Sudarshan Rao	II	...	do
2514	T. Srinivas Swamy	II	...	do
2516	E. Venkatayya	II	...	do
2521	Mohammad Mazhar Hussain	III	...	Islamia High School, Mathwala
2524	Mohd. Sarwar	III	...	do
2529	Mohd. Afzal Husain	III	...	do
2530	Mahboob Ahmad	III	...	do
2531	A. Vishvanadham	III	...	do
2532	G. Sriram Rao	II	...	Osmania, High School, Khammam
2537	K. Raghvaranga Rao	III	...	do
2538	N. Venkateshvar Rao	III	...	do
2539	Mohd. Rahman Khan	III	...	do
2541	Basoraj Madsudhan Rao	III	...	do
2542	Sagla Tirmal Rao	III	...	do
2543	Pretal Venkat Subba Rao	III	...	do
2544	K. Jagunadham	III	...	Osmania High School, Karimnagar
2548	Mohd. Yusuf Ali	III	...	

Roll No.	Name	Class	School	Remarks
2551	K. Rajeshvar Rao	II	do	
2552	M. Murlidhar Rao	III	do	
2554	Mohd. Badrul Hasan Faruqi	III	do	
2558	Nago Rao	III	do	
2560	C. H. Ramakishan Rao	II	do	
2561	V. Rajeshvar Rao	II	do	
2564	Mohd. Shujaat Ali	II	do	
2567	Khaja Karimuddin Ahmad	III	do	
2569	G. Narayan	III	do	
2572	G. Ram'ao	III	do	
2574	B. R. Virsham Sanmurthi	II	do	
2575	Y. Ganga Rao	III	do	
2577	T. Lakshmayya	III	do	
2580	T. Ratna Reddy	III	do	
2581	Bala Mallayya Ratnakar	II	do	
2582	B. R. Chandarayya Parbhakar	III	do	
2584	D. C. Bhum Rao	II	do	
2586	Syed Habibulla Jafari	Completed	do	
2589	T. Karan Sing	do	do	
	Abu Sultan Hakeen Mohammad Zill-e-Qadeer Siddiqi	III	Osmania High School, Jagthial.	
2601	K. Venkat Linga Rao	III	do	
2603	Khairat Ali	II	do	
2605	G. Krishna Aiyangar	III	do	
2606	P. Rajeshvar Rao	III	do	
2611	Mohd. Sardaruddin	II	do	
2612	Mohd. Abdul Qayyum Hazari	III	Osmania Girls High School, Hanamkunda,	
2616	Sikandar Jahan Begam			
2619	Mohammadi Begam	III	do	

2620	Validunnisa Begam	III	:	do
2621	Srubbamma	III	:	do
2624	M. Sarujakshi	LL	:	do
2628	Murtaza Begam	Completed	:	Private
2637	P. Ramchandaram	II	:	do
2639	B. Venkat Appayya Naidu	III	:	do
2640	Awla Purshutam	III	:	do
2646	N. Obandar Das	III	:	do
2658	Hanmanth Rao	II	:	do
2686	L. Kankayya	Completed	:	do
2692	A. Srinivas Rao	do	:	do
2706	Mohd. Fazalur Rahman	do	:	do
2709	Khaja Rahimuddin	do	:	do
2711	P. Chakrapani	do	:	do
2715	B. Dharma Reddy	do	:	do
2716	Nilkunth Rao Bhale	do	:	do
2720	G. Sitaram	do	:	do
2721	Venkatesh Kulkarni	do	:	do
2724	Ahmad Jamil	do	:	do
2725	Ahmad Husain	do	:	do
2726	Sudarshanam	do	:	do
2727	B. Venkat Rao	III	:	do

INTERMEDIATE EXAMINATION 1347 F. (1938).

Roll No.	Name	Class	College	Remarks
		FACULTY OF SCIENCE		
125	P. Gopal Rao	I	Osmania University	
117	Mohd. Giasuddin Khan	I	do	
		FACULTY OF THEOLOGY		
2	Mohd. Abdur Rahman	II	do	
5	Syed Mahmood	II	do	
6	Syed Abdur Razzak Qadri	II	do	
8	Mohd. Farid Mirza	II	do	
		FACULTY OF SCIENCE		
20	Ali Asadulla Khan	II	do	
24	Syed Rasheed Ahmad Chishti	II	do	
25	Syed Shah Alam	III	do	
26	Syed Yusuf	II	do	
27	Mustafa Ali Khan	III	do	
28	Mohammad Khalilur Rahman Khan	III	do	
31	Syed Muktaruddin	III	do	
34	Maqbool Ahmad Ansari	II	do	
35	Syed Shah Abdul Haq Qadri	II	do	
40	Mohammad Anwar Khan	II	do	
41	Mohammad Hakeemuddin	III	do	
43	Mohd. Nazeeruddin	III	do	
45	Syed Abdul Hafeez Haqqani	II	do	
46	Mohd. Abdul Kaliq	III	do	

49	Syed Yusuf	III	do
52	Syed Hamid Moinuddin	III	do
55	Mohd. Bashir Husain	II	do
58	Mohd. Khaja Parshad	II	do
59	Mohd. Mahboob Sharif	III	do
64	Syed Abdul Latif	III	do
65	Mirza Mazharulla Beg	III	do
66	Syed Nurul Hasan Jafari	III	do
68	Fida Ali Qayyumi	II	do
69	Syed Mehdi Hasan Jafari	II	do
71	Keshaw Rao Deshpandia	III	do
73	Vasant Rao Sadekar	III	do
74	Bhagwan Rao T. Tuljapurkar	III	do
76	K. V. Subramanium	III	do
77	N. R. Venkatswamy	II	do
78	Vasant Rao Kayarkar	II	do
79	Shankarjee	III	do
82	P. Narayan	II	do
83	Narayan Purshad	III	do
84	Y. Krishnajee	III	do
85	Someshvar Rao	II	do
86	Krishan Dayal	II	do
87	Raj Bahadur Goad	II	do
92	P. PadmaReddy	II	do
96	Gopalrao Jogatikur	II	do
99	D. Umapati Rao	III	do
101	Sanjev Rao Kachay	II	do
103	Manik Lal Gupta	III	do
105	Mahmood Husain	Completed	do
106	Kamlakant Rao Deshpanday	III	do
110	Syed Shah Amirulla Husaini-ul-Bokhari	II	do
111	Shaik Vadood Ahmad	II	do
118	Syed Fathebuddin Khan	III	do

Roll No.	Name	Class	College	Remarks
121	V. Sitaramchandar Rao	II	Osmania University	
127	H. V. Gopal	III	do	
129	B. K. Vardraj	II	do	
130	N. Ramchandar Rao	II	do	
134	Shankar Rao	III	do	
143	Habib Bahman	Completed	do	
145	Mohd. Abdul Qadir	do	Ex-student, Osmania University	
150	Qazi Ghulam Mohiuddin Ghazi	III	do	
155	Qadir Husain Qureshi	III	do	
157	Mir Mehdi Ali	III	do	
162	Swami Parshad Saksena	II	do	
164	Mohd. Abdul Muganni	Completed	do	
165	Hafeezuddin Ahmad	do	do	
168	Mohd. Yahya	III	do	
174	Digambar Rao Phatak	Completed	do	
175	Mohd. Abdul Hameed	do	do	
177	Mohd. Ahmad	do	do	
178	Mir Shamshir Ali	do	do	
183	Mohd. Abdur Bahman Siddiqi	II	do	
188	Malik Shabbir Husain	III	do	
189	Anant Rao Shivder	II	do	
190	J. Shankar Rao	II	do	
191	D. Shish Rao	III	do	
192	Vishnu Maha	III	City Inter. College	
196	Hameeduddin Mohsini	III	do	
199	Mohd. Abdur Rasheed	II	do	
210	Bashir Ahmad Ansari	II	do	
216	Mohd. Rafiuz Zaman	III	do	
217	Mohd. Azizuddin Khan	III	do	
227	B. Srinivas Rao	III	do	

No.	Name		Result	College
229	A. Mallayya	:	III	do
239	Brij Mohan	:	II	do
244	V. Srinivas Rao	:	II	do
241	Nilkunth Rao Nandapurkar	:	III	**do**
259	Budrappa	:	III	Ex-student City Inter. College
265	V. Venkat Krishna Reddy	:	III	do
270	Ali Ahmad	:	Completed	do
272	Shish Rao	:	III	do
273	Mahmood Ali	:	Completed	do
275	Mohd. Sharfuddin Pasha	:	do	do
278	M. Venkat Parshad	:	do	**do**
279	Srikishan	:	do	do
280	Ranga Reddy	:	do	do
281	T. P. Rajeshvar Raj	:	II	do
282	Mohd. Abdur Rasheed Subhani	:	II	do
283	Mohd. Abdul Hameed	:	III	do
284	Mohd. Sultan Saleem Khan	:	III	Aurangabad Inter. College
288	Syed Iqbal Pasha	:	III	do
289	Syed Abdul Baqi Hashimi	:	II	do
292	Gopal Singh	:	II	do
293	N. Goind Rao Joshi	:	II	do
294	Partab Rao Hayatnagarkar	:	III	do
295	Goindrao Padalker	:	II	do
297	Vishnu	:	III	do
298	Manik Rao Deshpanday	:	III	do
299	Ram Kishan Shastri	:	II	**do**
305	Saleemuz Zaman Khan	:	III	Ex-student Aurangabad Inter. College
311	Digambar Rao Deshpanday	:	Completed	do
312	Ambadas Rao	:	do	**do**
324	Gunday Rao	:	III	Gulbarga Inter. College
325	Mohd. Nazeer Hussin Siddiqi	:	III	Ex-student Gulbarga Inter. College
328	Vijai Rao Sangaveinkar	:	III	do
331	Swami Rao	:	Completed	do

Roll No.	Name	Class	College	Remarks
332	Vibhadrayya Rumal Halkartikar	Completed	Ex-student Gulbarga Inter. College	
333	Azhar Husain Ansari	do	d,	
335	Mir Rafiq Ali	do	d,	
336	Mohd. Riazuddin	do	d,	
337	Narayan Rao Desai	do	d,	
338	Vamanachari S.	II		
339	Mohd. Abdulla Khan	III	Warangal, Inter. College	
340	Mohd. Saminulla	III	do	
341	Syed Zaheeruddin Husain	III	do	
344	Mohd. Khaja Habibulla	II	do	
345	Mohd. Abdul Qadeer Khan	II	do	
346	Ghulam Jilani	III	do	
347	B. Hanmanth Rao	II	do	
348	M. Ganpath Rao	III	do	
349	T. Krishnamachari	III	do	
350	B. Keshav Reddy	III	do	
351	G. Satya Na'ayan	III	do	
352	M. C. Keshav Reddy	Completed	do	
353	J. Ramkishan Rao	do	do	
356	Mohd. Abdul Qadir	III	Ex-student, Gulbarga, Inter. College	
359	Kaneka Chatopadhiya	II	Women's College	
360	Jane Butt	III	do	
362	Ahmadi Idris	Completed	do	
365	Siddiqa Khanam	III	Ex-student, do	
		FACULTY OF ARTS		
368	Syed Abdu Rasheed Quraishi	II	Osmania University	
369	Mujeeb Yar Khan	II	do	
370	Mir Moinuddin Ali Khan	III	do	
371	Mahmood Ali	II	do	
373	Mohd. Abdul Hafeez	II	do	

374	Syed Hameedulla Husaini	...	II	do
375	Mohd. Zainulabideen Ansari	...	II	do
379	Syed Shamimul Hasan Razvi	...	III	do
381	Mohd. Abdul Latif	...	III	do
383	Syed Afzaluddin Khan	...	III	do
384	Shaik Mahboob	...	III	do
386	Mohd. Hamidur Rahman	...	III	do
387	Mohd. Abdul Hameed Khan	...	III	do
388	Mohd. Afzal	...	III	do
394	Ahmad Naseeruddin Faruqi	...	III	do
395	Ghulam Dastagir	...	III	do
401	Mir Azizuddin Ali	...	III	do
402	Mir Mustafa Ali	...	III	do
403	Mir Ali Razvi	...	III	do
404	Mirza Mohammad Baqar Khan	...	III	do
405	R. R. Balkrisna Reddy	...	III	do
410	Gun Satya Kumar Kalskar	...	II	do
411	Kishen Rao Maskikar	...	III	do
412	Shiv Banurao Pintoji	...	II	do
413	Srikrishna Sinha	...	II	do
417	Narhar Rao Tangar	...	III	do
422	Syed Ali	...	III	do
423	Khaja Moinuddin	...	II	do
427	Narsing Parshad	...	III	do
428	Bhamdas Rao Vadolkar	...	II	do
429	Raghvendar Rao	...	II	do
430	Shankar Rao Jhend	...	III	do
439	Premnath Mehandra	...	Completed	do
453	K. Gopal Rao	...	do	do
461	Mohd. Atiq	...	do	do
462	Khaja Hameeduddin	...	do	do
464	Syed Karrar Ali	...	do	do
468	Manik Rao Sardeshpandiya	...	do	do
469	M. Rang Rao	...	do	Ex-student Osmania University

Roll No.	Name	Class	College	Remarks
472	Mohd. Muniruddin	III	Ex-student Osmania University	
473	Mohd. Rafatulla	III	do	
474	Balkishan Rao	III	do	
475	Hari Kishan Das	III	do	
476	H. W. Butt	III	do	
477	M. Subramnium	III	do	
478	B. Parbhakar Rao Nandedkar	III	do	
480	Syed Altafur Rahman	III	City Inter College do	
484	Mirza Mahmoed Ali Baig	II	do	
489	Mohd. Naimuddin Siddiqi	II	do	
490	Mohd. Moin Khan	III	do	
491	Qazi Mushiruddin	III	do	
498	Muzaffaruddin Khan	III	do	
501	Shaik Hydar	III	do	
502	Mohd. Ismail	III	do	
503	Agha Mohammad Husain	III	do	
504	Syed Mohammad Talib	III	do	
505	Mohd. Shahuddin Ahmad	II	do	
508	Qazi Mohammad Bashiruddin	II	do	
509	Sirajuddin Ahmad	III	do	
510	Mohd. Omar	III	do	
511	Hasham Moizuddin Ahmad	III	do	
515	Syed Ali Mohammad ul Musavi	III	do	
516	K. Narsihvan Rao	III	do	
517	Keshav Parshad	III	do	
518	Shankar Parshad	III	do	
519	K. Shankarayya	III	do	
520	Sadashiv Es Kamlapurkar	II	do	
522	Shamrao Dey Jinturkar	III	do	
523	C. V. Ramrao	III	do	

No.	Name	Class	Institution
529	Mohd. Mahmood Husain	III	Ex-student City Inter. College
532	D. Das Rao	III	do
535	Sarvatam Rao	III	do
537	Syed Showkat Husain	Completed	do
539	Syed Lutfulla Ahmad	do	do
543	Riaz Ahmad	do	de
547	Ali Amir	do	do
548	Mohd. Hameed Khan	do	do
549	Shaik Mahboob Ali	do	do
552	Babayya	do	do
555	Syed Mohammad Ali	III	do
556	Bhimshen Achari	III	do
557	Chidambar Rao Desmukh	III	do
558	Vinayak Rao Rambavray	III	Aurangabad, Inter. College
565	Abdus Sattar	III	do
566	Abdur Rasheed Khan	III	do
567	Mohd. Ali Khan	11	do
568	Qazi Mohammad Abdus Saleem	III	do
569	Iftikhar Ahmad	III	do
571	Syed Amjad Ali	III	do
572	Mohd. Bashiruddin	III	do
573	Syed Saadatulla Husaini	11	do
574	Mohd. Aqil Ali Khan	11	do
577	Ramchandar Rao Shivalkar	III	do
578	Av Dhutrao Ji	do	do
579	Shankar Rangrao Kulkarni	III	do
582	Goind Rao Bhowday	III	do
584	Ramgopal	11	do
586	Gangadhar Rao Vaiday	Completed	Ex-student, Aurang, Inter. College
588	Gangadhar Rao Patki	III	do
590	Vitthal Anand Rao Vaiday	Completed	do
592	Mohd. Vaheed Ahmad	do	Gulbarga Inter. College
598	Fazl Aleem Khan	III	do
590	Ghulam Mohammad	III	do

Roll No.	Name		Class	College	Remarks
600	Mohammad Ali	:	III	Gulbarga Inter. College	
601	Mohammad Mahboob Husain	:	III	do	
602	P. Venkat Bhuma Reddy	:	III	do	
604	Pandit Rao Kulkarni	:	III	do	
605	S. Hannanth Rao	:	III	do	
606	C. V. Raghovan	:	II	do	
609	R. K. Joshi	:	III	do	
614	Ishwanthrao Satalkar	:	III	do	
616	Khaja Karimuddin Quraishi	:	III	do	Ex-student,
620	Bangnathrao Andevadikar	:	Completed	do	
621	A. N. Subba Rao	:	do	do	
624	G. Venkat Rao	:	do	do	
625	N. Gangadhar Rao	:	III	do	
627	Syed Shah Salahuddin Husain	:	III	Warangal, Inter. College	
628	Mohd. Qasim Ali	:	III	do	
629	Manzoor Mustafa Siddiqi	:	II	do	
630	Mohd. Abdul Azeem	:	III	do	
632	S. Jagan Mohan Reddy	:	II	do	
634	Pingal Dharma Reddy	:	III	do	
635	T. Hegarivachari	:	III	do	
637	M. Parshutam Rao	:	Completed	do	
638	P. Narayan Reddy	:	do	do	
640	Syed Abbas Husain	:	III	Women's College	
646	Shahar Banu Naqvi	:	III	do	
647	Khursheed Jahan Begam	:	II	Private	
650	Aisha Begam	:	II	do	
654	Mirza Yaseen Baig	:	III	do	
655	Syed Ibrahim	:	III	do	
660	Mirza Abbas Namazi	:	III	do	
661	Saturamachari	:	III	do	

662	Balkishan Rao Deshpanday	III	do
673	Shankar Rao	Completed	do
677	Maqbool Begam	III	Women's College
678	M. Kankavali	III	Private
680	Narhar Rao Bareeday	Completed	Ex-student, Inter-College, Gulbarga

INTERMEDIATE EXAMINATION 1348 F. (1939)

Roll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
5	Nasiruddin Ahmad Khan	II	Osmania University	
7	Mohd. Abdul Qadir	II	do	
10	Mohd. Makhdoom Mohiuddin	II	do	
12	Mohl. Abdul Wahab	Compleeed	Ex-student Osmania University	
13	Mohd. Khalilur Rahman	do	do	
		FACULTY OF SCIENCE		
15	Syed Ghulam Moinuddin	II	Ex-student, Osmania University	
16	Mohd. Jafar	III	do	
18	Qadir Ali	II	do	
22	Mohd. Elias Khan	II	do	
23	Mohd. Hafeezuddin Khan	II	do	
26	Shah Nawaz Khan	III	do	
27	Hameed Ahmad	III	do	
30	Mohd. Abdus Salam	II	do	
32	Mirza Hamid Ali Baig	III	do	
34	Mohd. Sharfuddin Khan	II	do	
38	Mohd. Ismail	III	do	
40	Mohd. Rahmatulla	II	do	
42	Mohd. Osman	III	do	
44	Mir Iftikkar Ali	II	do	
46	Syed Khaja Mohammad Hameeduddin	II	do	
47	Mohd. Hameeduddin Khan	III	do	
49	Mohd. Vaheeduddin	II	do	
50	Syed Vaheeduz Zaman Ali	III	do	
51	Syed Abdul Jalil	II	do	
52	Mir Ahmad Ali Khan Anwar	II	do	
53	Mohd. Shafaqat Husain Siddiqi	II	do	

No.	Name				
58	Abdus Sattar	...	III	do	
59	Syed Shabbir Ali Jafari	...	III	do	
63	Syed Nasir Husain	...	III	do	
67	Vasdev Rao Lakshmanrao Bhalchandar	...	II	do	
71	Syed Showkat Husain	...	III	do	
72	A. Lalta Shankarlal Mathur	...	Completed	do	
74	Abdus Sattar Khan	...	II	do	
75	Syed Qaisar Ali	...	III	do	
78	Syed Anwar Husain	...	III	do	
79	Ghulam Dastagir Quraishi	...	III	do	
80	Mohd. Abdul Aleem	...	III	do	
84	Mohd. Akramuddin	...	III	do	
85	Mohd. Abdus Subhan Khan	...	III	do	
86	Moinuddin Hasan Osmani	...	II	do	
88	A. Srinivas Rao	...	II	do	Ex-student, Osmania University
90	Muzaffaruddin	...	III	do	
92	Mohd. Abdus Salam Ansari	...	III	do	
93	Iftikhar Ahmad	...	III	do	
94	Mohd. Mohiuddin Khan	...	III	do	
103	Parshutam Nandapurkar	...	II	do	
106	M. Sri Ramlu	...	II	do	
108	Mohd. Azharul Haq	...	Completed	do	
109	Mirza Abdus Salam Baig	...	do	do	
110	Mohdd Abdul Baqi	...	do	do	
111	Mohd. Ali Nayyar	...	do	do	
113	Rex. J. Farnandez	...	do	do	
114	Vitthal Singh	...	do	do	
130	Mohd. Fakhruddin	...	III	do	
131	Syed Bashiruddin Ahmad	...	III	do	City Inter. College
132	Syed Tahir Husain	...	II	do	
134	Syed Hamid Husain	...	II	dc	
135	Qayam Husain	...	II	do	
137	Azhar Husain	...	II	do	
138	Mohd. Ali Sajjan Lal	...	III	do	

Roll No.	Name		Class	College	Remarks
145	Syed Abdul Basit	..	III	Ex-student City Inter. College	
146	Mohd. Kaleem Ahmad Siddiqi	..	III	do	
153	Syed Mohammad Mukhtar Naqvi Akhtar	..	III	do	
157	A. Lakshmayya	..	III	Aurangabad, Inter. College	
165	Vasant Thate	..	Completed	Ex-student Aurangabad Inter. College	
171	C. Gangaram	..	do	do	
172	Mohd. Abdur Razzak	..	II	Warangal Inter. College	
175	Mohd. Amanulla Khan	..	II	do	
179	Faqeer Mohammad	..	III	Gulburga, Inter. College	
191	S. Hanmanth Rao	..	II	do	
192	K. R. Narsimhachari	..	II	do	
194	B. Shantappa	..	III	do	
198	Husain Hashmatulla	..	II	Ex-student Gulbarga Inter. College	

FACULTY OF ARTS

208	Mohd. Abdul Aziz	..	II	Osmania University	
209	Yusuf Ali	..	III	do	
211	Mir Fayazul Haq	..	III	do	
215	Mohdfl Amjad Ali Siddiqi	..	II	do	
217	Mohd. Mazhar Ahsan Gilani	..	III	do	
218	Asad Raza Mirza	..	III	do	
222	Syed Moinuddin Qadri	..	III	do	
225	Mohd. Muniruddin Ahmad	..	III	do	
227	Ghulam Saadat Ali	..	III	do	
232	Mohd. Viqaruddin Khan	..	III	do	
243	Virendar Bahadur	..	III	do	
245	S. Krishna Swamy	..	III	do	
246	C. Sadanandam	..	III	do	
250	Nizamuddin	..	II	do	
251	Mohd. Khalifuddin Khan	..			

No.	Name		Status	Remarks
253	Syed Alam Khondmiri	..	II	do
254	Syed Muzaffar Hasan	..	Completed	do
256	Mohd. Najmuddin	..	do	do
260	Aziz Mohammad	..	do	do
264	S. Narsing Rao	..	do	Ex-student Osmania University
266	Mir Jawwad Husain Khan	..	III	do
267	Ahmad Mohiuddin Khan	..	III	do
274	Mir Nazeer Ali	..	II	do
278	Abu Turab Mohammad Khaliluddin	..	Completed	do
280	Mohammad Mazharuddin	..	do	do
281	Mohammad Yahya Khan	..	do	do
284	Habib Ali	..	do	do
286	Mohd. Siddiq	..	do	do
287	Mohd. Jafar Chisti	..	do	do
291	Syed Akhtar Husain	..	do	do
296	Mujtaba Yar Khan	..	do	do
300	Syed Mohammad Akhlaqur Rahman Chisti	..	do	do
303	Mahmood Khan	..	do	do
306	Mir Mahmood Ali	..	do	do
307	Mohd. Shah Alam Khan	..	do	do
312	Syed Ishaq	..	do	do
317	Qadir Mohiuddin Ahmad	..	do	do
319	Malipat Roy	..	do	do
320	G. Govind Rao	..	do	do
323	P. Indarsena Reddy	..	do	do
329	Denanobha Rao Hokay	..	do	do
332	Lakshmikant Rao	..	do	do
333	Jamshidji Ataliya	..	do	do
334	Mohd. Moinuddin Khan	..	II	do
335	Ahmad Abdul Qadir	..	III	do
336	Syed Ahmad Raza Qadri	..	III	do
337	Mohd. Asif Shah Khan	..	III	do
338	Mohd. Husain	..	III	do
339	Mohd. Qutbuddin Ahmad	..	III	do

Roll No.	Name	Class	College	Remarks
341	T. Gopal Aingar	III	Ex-student, Osmania University	
342	M. Malik Arjun Patel	III	do	
343	B. S. Srinivas	III	do	
344	B. Shiv Balkishan	II	do	
345	R. Padmanabh Rao	III	do	
346	Shankar Rao Deshpanday	III	do	
348	Mohd. Sharfuddin	III	City Inter. College	
349	Syed Muniruddin	III	do	
350	Syed Jamaluddin	III	do	
351	Mohammad Khaja	III	do	
352	Mohammad Moazzum Ali Khan	III	do	
355	Salameen Bin Omar	III	do	
362	Mohammad Ghousuddin	III	do	
363	Mohammad Muslehuddin	III	do	
364	Mohd. Yaseen Khan	III	do	
366	Khaja Ali Khan	III	do	
370	Mohd. Jalaluddin Ahmad	III	do	
372	Mirza Daud Ali Beg	III	do	
374	Mohammad Bin Ali Bawahab	III	do	
378	Syed Taqi Hasan	II	do	
380	Mir Husain Ali Khan	II	do	
381	Kesari Parshad	III	do	
382	Meghsham Rao	III	do	
384	S. Narsihvan Rao	III	Ex-student, City Inter. College	
388	Mohd. Gowhar Ali	II	do	
390	Syed Abdul Gaffar	III	do	
397	Lalta Pershad	Completed	do	
398	Abdul Fazal Khalil Ahmad Nuri Azad	do	do	
400	Mir Ahmad Ali	do	do	
401	Ghulam Ahmad	do	do	

No.	Name		Status	Institution
403	Syed Mubarizuddin Ahmad	...	do	do
410	Iftikhar Ahmad	...	do	do
414	Hafiz Mohd. Mukhtar Ahmad Jilani	...	do	do
423	Mohammad Hydar Jaddi	...	III	do
424	Mirza Mateen Ahmad Baig	...	II	Aurangabad, Inter. College
425	Mohammad Ikramuddin	...	II	do
427	Mosd. Ismail	...	III	do
429	Mohammad Yusuf Khan	...	III	do
432	Mohammad Vasi Ahmad	...	II	do
434	Toufiq Mohammad Khan	...	III	do
438	Mohammad Aminuddin	...	III	do
439	Aausaf Ali Abbasi	...	II	do
441	Mohammad Abdul Aziz Siddiqi	...	III	do
442	Mir Moinuddin Ali Khan	...	II	do
443	Narsing Rao Qandharkar	...	III	do
447	Mohammad Abdur Bazzak Moosa	...	Completed	Ex-student, Aurangabad Inter. College
450	Abul Qadir Sadiq	...	III	do
460	Khaja Abdur Rahman	...	III	Warangal Inter. College
461	Mohammad Abdur Rasheed	...	III	do
462	Mohammad Azimuddin	...	II	do
463	Syed Aoun Mohammad	...	II	do
464	Syed Badruddin Qadri	...	III	do
465	Syed Qamruddin Qadri	...	III	do
466	Syed Husain	...	III	do
467	Yasin Sharif	...	III	do
468	Syed Asrar Husain	...	Completed	Ex-student, Warangal College
469	Syed Sultan Ahmad Razvi	...	do	do
472	Ghulam Mahboob Dastapuri	...	II	Gulbarga, Inter. College
475	Mohd. Abdur Rahman Jami	...	II	do
477	Ali Hasan	...	III	do
479	Mohd. Niaz Ahmad Khan	...	III	do
480	Harishchandar	...	III	do
481	Appa Rao	...	III	do

Roll No.	Name	Class	College	Remarks
484	Mohd. Nawaz Khan	II	Ex-student Gulbarga Inter. College	
486	G. B. Kulkerni	Completed	do	
487	Krishnaji	do	do	
497	Gursiyanthappa	do	do	
499	Kishanrao Kulkarni	do	do	
501	Sayeedunnisa Begam	III	Osmania Women's College	
504	Shah Jahan Begam Shafi	II	do	
505	Fatematunnisa Begam	III	do	
506	Saadatunnisa Begam	Completed	Ex-student, Osmania Women's College	
508	Zohra Begam	do	do	
509	Ahmadunnisa Begam Surayya	do	do	
520	Syed Abdul Qayyum	III	Private	
532	Ramchandar Rao	Completed	do	
539	G. Venkateshwar Rao	II	Ex-student Osmania University	
540	K. Raja Ram	III	do	

INTERMEDIATE EXAMINATION 1349 F. (1940)

	Name	Class	College	Remarks
	FACULTY OF THEOLOGY			
3	Syed Abdul Quddus	II	Osmania University	
4	Mohammad Alimuddin	III	do	
6	Mohammad Ramzani	III	do	
8	Habib Tayeb bin Mohamad-al-Edroos	II	do	
10	Mohammad Hashim	II	do	
11	Mohammad Rukmuddin	III	do	
12	Syed Mohsin Jafari	II	do	
14	Shaik Ahmed Bin Husain Amudi	III	Ex-student, Osmania University	
15	Syed Yousufuddin	III	do	
16	Moqeemuddin	III		
	FACULTY OF SCIENCE			
21	Sultan Ahmad	II	Osmania University	
23	Mohammad Bashiruddin	III	do	
24	Mohammad Fakruddin Khan	III	do	
26	Shaik Mahboob	II	do	
28	Mohammad Shafiuddin	II	do	
29	Mohammad Yusuf Yusuf	II	do	
30	Khwaja Tirbhum Pershad	II	do	
31	Mohammad Valiullah	II	do	
32	Syed Mohammad Hadi Baqari	II	do	
33	Dilkumar Chatterji	III	do	
34	Ghulam Mohiuddin	II	do	
36	Qazi Syed Iqbal Ahmed Hashmi	III	do	
41	Syed Mohammad Ali Qadri	II	do	
46	Syed Mahmood	III	do	

Roll No.	Name	Class	College	Remarks
47	Mohammad Jalaluddin	III	Osmania University	
48	Syed Hashim Ali	II	do	
49	Mohammad Ghiasuddin Ali	II	do	
52	Mohammad Saiduddin Subhani	II	do	
53	Zainulabedin	II	do	
54	Mohammad Yaqoob	III	do	
55	Mir Hamid Ali	II	do	
56	Mohammad Sulaiman	II	do	
57	Moinuddin Khan Sandozai	II	do	
59	Syed Abdul Shukur	III	do	
60	Ahmed Mohiuddin	II	do	
62	Syed Abdul Khadir Huseini Shahzor	III	do	
64	Syed Shakat Ali	III	do	
69	Mohammad Maqsudul Hasan	II	do	
71	Permeshwer Rao Damodar Rao Devdhar	II	do	
72	Ram Gopal Reddy	II	do	
75	B. Anjia	II	do	
77	K. Rajkumar Singh	II	do	
78	Surender Narayan Asthana	III	do	
79	Gurudas	III	do	
81	L. R. Lingam	II	do	
82	P. Ram Chandra Reddy	III	do	
83	P. Ranga Reddy	II	do	
84	N. B. Kapadia	II	do	
85	P. Ramchandra Reddy	III	do	
87	K. Perbhaker Reddy	III	do	
89	G. Ram Reddy	II	do	
90	Hari Rao Popphle	III	do	
92	Abbas Husain	III	do	
96	Balbhim Rao Hinge	III	do	

99	Belap Pentia	III	do
109	Mahmood Ali Khan	III	do
112	Jamna Pershad Misra	II	do
113	Jesus Perkash Rao	II	do
114	Syed Mohammad Mustafa Hasan Abedi	III	do
115	Mirza Raza Ali	Completed	do
116	Mir Abid Ali Khan	do	do
118	Mohammad Abdus Sattar	II	do
119	Syed Qutub-e-Alam	II	do
120	Mohammad Azeemuddin	III	do
121	Syed Bashir Ali	II	do
124	Mohammad Abdur Rahim	III	do
126	Mohammad Abdul Hadi	II	do
127	Jafar Mohiuddin Qureshi	III	do
130	Bushan Babu	II	do
131	V. Bhim Rao	III	do
132	Ramkishore Chitervedi	III	do
136	B. K. Narayan	II	do
137	C. Venket Ram Rao	III	do
138	Mohammad Abdul Halim	Completed	do
139	Abu Mohammad Siddiq Husain Mohajir	do	Ex-student, Osmania University
143	Syed Mohammad Qasim	do	do
144	Syed Abbas Husain Naqvi	III	do
154	Raghunath Rao Sheshgir	III	do
155	Lakshman Rao Nagapurker	III	do
158	Shiamsunder Pershad	III	do
162	Khwaja Moinuddin Jamil	III	do
164	Mohammad Osman Ashraf	III	do
165	Hari Singh	III	do
172	Iftekharuddin Ahmad	Completed	do
173	Mohammad Abdullah Khan	do	do
177	Mohammad Azmatullah Sharif	do	do
180	Mohammad Ishaq	do	do

Roll No.	Name		Class	College	Remarks
182	Amjad Ali Khan Yousufzai	:	do	Ex-student, Osmania University	
184	Mohammad Mahboob Ali Khan	:	do	do	
191	V. Aiyangar	:	do	do	
193	Durupad Raj Saksena	:	do	do	
194	Syed Mohiuddin Ali	:	III	do	
195	V. K. Raj Pohit	:	III	do	
196	Syed Mohammad Askari Baqari	:	II	do	
197	Shankaria	:	III	do	
198	Shrikrishen Gosavi	:	III	City Inter. College	
200	Mohammad Abdul Hafiz	:	II	do	
202	Abdul Haseeb	:	II	do	
203	Mohammad Qumqamuddin	:	II	do	
206	Mohammad Zohuruddin Gulshani	:	II	do	
212	Mohammad Habibuddin	:	III	do	
217	Mohammad Siddiq Sharif	:	III	do	
218	Khwaja Abdul Majid	:	III	do	
221	Mohammad Murtaza Ali	:	II	do	
234	C. Narayan Reddy	:	II	do	
235	D. Hanumanth Rao	:	III	do	
241	Syed Mustafa Ali	:	Completed	Ex-student City Inter. College	
254	Abdul Hamid Khan	:	do	do	
256	Syed Abdul Hasan	:	do	do	
258	Bankat Lal	:	do	do	
262	M. Ram Rao	:	do	do	
263	Dattatri Rao Mandlak	:	do	do	
264	Vijiachari Hosur	:	III	do	
265	Mohammad Nizam	:	III	Aurangabad Inter. College	
272	Kesho Deshpondia	:	III	do	
277	Digamber Rao Shahane	:	III	do	
281	Mir Yusuf Ali	:	Completed	Ex-student Aurangabad Infer. College	

No.	Name		Division	College
285	Ahmad Mohiuddin	...	II	Warangal Inter. College
287	Mohammad Habibuddin	...	III	do
288	Ghulam Dastagir	...	I	do
289	Mohammad Ghulam Jilani	...	III	do
290	G. K. Srinivas Aiyangar	...	III	do
291	M. Srinivas Aiyangar	...	III	do
292	T. Madhosudan	...	III	do
293	P. Raghu Reddy	...	II	do
294	T. P. Kuppu Swami Pillae	...	II	do
295	D. Murlidhar	...	III	do
298	B. Satianarayan Rao	...	III	do
299	C. Appa Rao	...	II	do
300	C. Venkat Reddy	...	II	do
310	Mohammad Zakir Ali	...	III	Gulbarga, Inter. College
311	Mohammad Ali	...	III	do
313	Syed Abdul Majid	...	II	do
314	Gopal Chari	...	II	do
316	Bhimsen Venkat Rao Dasai	...	III	do
317	Raghvendar M.	...	III	do
318	Govindappa	...	II	do
319	Venkib Acharia	...	II	do
326	D. K. Gangadhar Rao	...	III	Ex-student Gulbarga Inter. College
329	Chinna Reddy	...	Completed	do
336	Rabia Begam	...	III	Women's College
337	Razia Begam	...	II	do
348	R. Janki Bai	...	Completed	Ex-student, Women's College
352	Wahidunnisa Begam Siddiqi	...	Completed	Private
			do	

FACULTY OF ARTS

No.	Name		Division	College
355	Syed Mohammad Ashhad Khan Rexvi	...	III	Osmania University
356	Mohammad Ali Khan	...	III	do
361	Mohammad Saidul Hasan	...	II	do
362	Syed Munsif Ali	...	II	do
363	Amir Ahmed Khusru	...	III	do

Roll No.	Name	Class	College	Remarks
371	Nersivhan Charia	III	Osmania University	
372	A. Kishtama Chari	I.	do	
374	Qazi Ahmed Kabiruddin	II	do	
375	Mumtaz Ali Khan	III	do	
379	Abul Anwar Khurshid Yusuf Siddiqi	II	do	
383	Syed Abul Arif	II	do	
385	Mohammad Masood Ali	III	do	
386	Ateeq Ahmed	II	do	
389	Nisar Ahmed Bilgrami	III	do	
395	Syed Mahmood Vahiuddin	III	do	
397	Syed Habibuddin Ahmed	III	do	
400	Mehdi Husain	III	do	
402	K. R. Reddy	II	do	
403	D. Madsudan Rao	III	do	
404	S. M. Mustufi	II	do	
407	M. Gopal Kishan Rao	II	do	
408	B. Rang Rao	III	do	
410	Nar her Rao	II	do	
412	Jagat Pershad	III	do	
413	Mahmood Ali Mahmood	II	do	
414	Mir Akbar Ali Naseri	II	do	
415	Dilaver Ali Khan	II	do	
418	Siddi Nago Rao	II	do	
421	Ahmed Abdur Rashid Khan	II	do	
423	Syed Shamsuddin Ali Khan	Completed	Ex-student Osmania University	
429	Hanmanth Gi Phadnis	do	do	
433	Khwaja Ghulam Mohammad Qamar	III	do	
435	Ghulam Mustafa Khan Yousufzai	III	do	
436	N. Venkat Reddy	III	do	
439	Dattatri Rao Dhoreker	III	do	
440	Satur Rangia	II	do	

441	Anand Rao Palanker	III	do
442	Mohammad Masihuddin Junaidi	Completed	do
443	Syed Ismail	do	do
444	Syed Ahmed Mohiuddin	do	do
446	Syed Fakhruddin	do	do
450	Mohammad Abdul Qadir Dabir	do	do
453	Mirza Izzatullah Beg	do	do
457	Mohammad Ghous Mohiuddin	do	do
462	M. Guru Raj Rao	do	do
463	Kesho Rao Gholegaonker Desmukh	do	do
464	M. Lakshmi Kant Rao	do	do
466	Vaman Rao Deshmukh	do	do
467	Mohammad Yusuf Farooqi	III	do
468	Mohammad Nematullah	III	do
469	P. Chinna Reddy	III	City Intermediate College
476	Mirza Anwar Beg	II	do
477	Ewaz-Bin-Mohammad Basama	III	do
478	Syed Shabbir Husain	III	do
479	Zulfeqar Ali Khan	III	do
481	Mohammad Hasnuddin	II	do
482	Syed Zamir Ahmed	II	do
483	Khwaja Mohiuddin	II	do
486	Mohammad Ikramul Haq Siddiqi	II	do
488	Mohamad Abdul Mannan Mannani	II	do
489	Mohammad Abdur Rahim Farooqi	II	do
492	Abdul Qayyum	III	do
495	Syed Mahmood	III	do
497	Mohammad Hamid Mohiuddin	III	do
499	Mirza Shakir Ali	III	do
505	Mohammad Wahid	III	do
507	Mohammad Abdul Shukur	III	do
508	Abdullah Bin Ahmad Bamadais	III	do
510	Syed Amanullah	II	do

Roll No.	Name	Class	College	Remarks
512	Bashir Ahmed Qureshi	III	do	
514	Mohammad Husain Khan	III	do	
517	Syed Sikender Azam	III	do	
518	Mirza Ali Asghar	III	do	
519	Syed Musharraf Husain Razvi	III	do	
520	Nadir Shah	III	do	
523	Gopal Acharia	III	do	
524	A. Venkat Rao	III	do	
527	Mattham Virayya	II	do	
534	K. Mutial Reddy	III	do	
536	Govind Rao Joshi	II	do	
537	C. Bapu Rao	II	do	
538	Narayan Rao Kulkerni	III	do	
539	T. Jairaj	III	do	Ex-student City Inter. College
541	Mohammad Nizamuddin Hasan Ansari	Completed	do	
550	Mohammad Bukmuddin	do	do	
551	Syed Khwaja Aminuddin	do	do	
552	Mohammad Asrar Husain Siddiqi	do	do	
553	Qazi Mohammad Shahabuddin Ahmad	do	do	
554	Mohammad Abdul Halim	do	do	
555	Qazi Mohammad Shamsuddin Ansari	do	do	
557	Mohammad Abdul Haq	do	do	
558	Mohammad Abdur Rehman Chishti	do	do	
559	Mohammad Moinuddin	do	do	
561	Ghulam Murtuza	do		
563	Syed Jafar Ali	do	do	
565	Venkat Rao Desai	do	do	
566	Anand Govind Parbhaniker Despondia	do	de	Aurangabad Inter. College
568	Mohammad Abdul Majid Khan	III	do	
569	Syed Abdur Rafe Kalim	III	do	

No.	Name			Institution
571	Syed Mohammad Yousif Nazim	...	II	do
572	Mohammad Qasim Osmani	...	II	do
573	Syed Mahmood Ali	...	II	do
574	Syed Akhtaruz Zaman	...	II	do
575	Manik Rao Chobe	...	III	do
576	Durgadas Rao Desponde	...	III	do
577	Dhoderaj Choudhri	...	III	do
578	Kashinath Nitrorkar	...	III	de
579	Nerher Rao Gore	...	II	do
581	Mahboob Elahi Khan	...	III	do
582	Syed Anwar Ali	...	III	do
583	Syed Shah Valiulla Qadri	...	III	do
586	Mohammad Mukarram Ali	...	III	do
587	Mohammad Gulab Khan	...	III	do
588	Mohammad Mazharuddin	...	III	do
589	Qazi Mohammad Jan Siddiqi	...	II	do
591	Mohammad Abdul Qader	...	III	do
592	Bashir Ahmed Qureshi	...	III	do
593	Mohd. Sadiq Badiuddin	...	II	do
595	Royender Pershad Khanna	...	III	do
596	Dattatri Ballal	...	II	do
597	Chaterpati	...	III	do
599	Digamber Rao Bharsowarker	...	III	do
600	Pandorang Ramchander Rao Ganorker	...	III	do
602	Sita Ram Rao Kulkerni	...	III	do
607	Syed Ayub Ahmed Kirmani	...	III	Ex-student Aurangabad Inter. College
610	Ahmel Moinuddin Siddiqi	...	Completed	do
613	Sadashev Rao Orveker	...	do	do
614	Ramchander Rao Teknle	...	do	do
616	Digamber Rao Shivalker	...	do	do
617	R. Ram Krishna Reddy	...	III	Warangal Inter. College
620	Khwaja Moinuddin Ahmed	...	III	do
622	Mohammad Khwaja Moinuddin	...	III	do

Roll No.	Name	Class	College	Remarks
623	Mohammad Shamsuddin	III	Warangal Inter. College	
625	Noor Ali	II	do	
626	G. Sudorshan Rao	III	do	
627	K. Padmla	III	do	
628	L. Narsia	III	Gulbarga Inter. College	
631	Syed Akbar Husain	III	do	
632	Ramchander	II	do	
633	C. S. Inamdar	II	do	
635	K. Krishta Chari	III	do	
636	Aenna	III	do	
637	Sangappa	II	do	
638	Syed Mohammad Ali	III	do	
639	Mohd. Ibrahim Husain	III	do	
640	Mohd. Abdul Jalil	III	do	
641	Kutbuddin Khan	III	do	
642	Mohd. Khwaja Husain	III	do	
644	Anna Rao	III	do	
645	Margappa Danna	III	do	
646	G. Raghunath Rao	II	do	
649	Sidia	Completed	Ex-student Gulbarga Inter. College	
651	Rameshwar Rai	do	do	
652	Mohammad Khwaja	III	do	
665	Madho Rao	III	Woman's College	
666	Sultana Babbani	II	do	
667	Moinunnisa Begam	II	do	
668	Akhterunnisa Begam	II	do	
669	Bashirunnisa Asif Arifuddin	III	do	
684	Shaik Ali Ebadi	III	Private	
695	Bal Reddy	Completed	do	
698	S. B. Ramloo	III	do	

INTERMEDIATE EXAMINATION 1350 F. (1941)

Roll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
2	Mohammad Abdur Rashid	II	Osmania University	
3	Omer Bin Abdullah	III	do	
14	Mohammad Muzammil Khan Durrani	II	do	
15	Syed Ziauddin	II	do	
16	Fasihuddin	Completed	do	
17	Mohammad Aitemadul Haq	II	Ex-student Osmania University	
		FACULTY OF SCIENCE		
31	Mahishwar Raj Saksena	II	Osmania University	
37	Nisar Ahmed	III	do	
39	Syed Mohammad Kamil	III	do	
41	Mohammad Ishaquddin	II	do	
46	Mohammad Yusuf	III	do	
48	Syed Saiduddin Ahmed	III	do	
53	Abul Faiz Mohammad Abdul Qayyum	II	do	
54	Syed Durwesh Mohiuddin	III	do	
55	Mohammad Mustafa Ahsan	II	do	
56	Mohammad Nasrullah Khan	II	do	
57	Mohammad Abdur Rahman	III	da	
60	Mohammad Hashim	II	do	
61	Shaik Mohammad Fuzlur Rahman	III	do	
65	Shaukat Hussain Khan	III	do	
66	Muzaffar Ali	II	do	
69	Syed Yusuf	II	do	

Roll No.	Name	Class	College	Remarks
70	Munawar Husain	III	Osmania University	
72	Qazi Mohammad Gaziuddin Ahmad	III	do	
83	Mohammad Mohiuddin Shah Khan Assar	III	do	
84	Abdus Samad Khan	II	do	
86	Tahir Ali	III	do	
87	Kishen Rao Sonker	III	do	
91	Anandi Pershad	IV	do	
93	Dilsukh Ram	II	do	
95	Ahmed Saiduz Zaman Ansari	II	do	
99	C. Shanti Narain Mather	III	do	
105	Deva Sukhamani	III	do	
106	K. Madna	III	do	
107	Gopal Rao	III	do	
109	D. Pap Reddy	III	do	
110	Lakshmi Kant Rao Samrani	III	do	
111	S. Jagannath Rao	III	do	
118	V. R. Ponorangam Mudliar	III	do	
119	Arjun Pershad	III	do	
120	B. Kishen Rao	III	do	
121	S. M. Muslim Raza	II	do	
131	Mohammad Mian Khan	II	do	
134	Mohammad Ghaziuddin Fahim	II	do	
135	Shaikh Mahboob	III	do	
136	Mohammad Zainulabedin	II	do	
140	Mazher Ali	III	do	
141	Purshotam Rao D.	II	do	
145	J. Teereth Sasturker	II	do	
151	Rai Besheshwar Nath Bhargova			
157	Syed Qadir Mohiuddin	Completed	Ex-student Osmania University	
166	Syed Zahiruddin	III	do	

173	Bhalchander Pranjpe	:	III	do
186	Syed Mohammad Aqil	:	Completed	do
191	Mohammad Imaduddin	:	do	do
195	Mohammad Sirajuddin Khan	:	do	do
197	Abdur Rashid Farooqi	:	do	do
202	Mohammad Dawood Khan	:	do	do
203	Mohammad Ali Sabiri	:	do	do
204	Mohammad Sirajullah Siddiqi	:	do	do
209	Babu Lal Sanghi	:	do	do
210	P. N. Pandorang Rao	:	do	do
211	B. Sachdanandaswami	:	do	do
213	Ganga Ram Saindkay	:	do	do
214	Giani Lal Mahindra	:	do	do
216	Bhalchander Rao Kalyanker	:	III	City Inter. College
227	Mohammad Abdul Ghani Sagri	:	III	do
230	Mohammad Vajid Husain Qureshi	:	III	do
231	Syed Iqbal Hasan Rezvi	:	II	do
232	Syed Qubullah Husain Albarqi	:	III	do
234	Mahboob Ali	:	II	do
236	Syed Muslehuddin Ahmed	:	II	do
237	Mohammad Abdul Majeed	:	II	do
242	P. Ramanja Chari	:	II	do
245	S. H. Chinna Reddy	:	II	do
249	G. Lachmi Reddy	:	III	do
252	Bansilal Somani	:	II	do
255	Vasant Rao Basmatker	:	III	do
260	Gopal Rao Mateker	:	II	do
263	Dianand	:	II	do
277	K. Rajlingam	:	III	Ex-student City Inter. College
278	Madhuva Charie	:	III	do
281	Dattatri Rao Deshpande	:	III	do
284	Mihammad Aamedullah	:	Completed	do
286	G. Mohan Rao	:	do	do

Roll No.	Name	Class	College	Remarks
287	Mukhtaruddin Ahmad	Completed	Ex-student City Inter. College	
289	Mohamrad Faizuddin	do	do	
290	Syed Habibuddin	do	do	
292	Mohammad Abdul Qayyum Chincholavi	do	do	
293	Syed Yousufuddin	do	do	
298	Ramacharan	do	do	
300	B. Roop Kishor	do	do	
304	P. Anant Reddy	. do	do	
306	Mohammad Abdul Aala	II	Aurangabad Inter. College	
307	Mohammad Abdul Ghani	II	do	
309	Khwaja Aijaz Qureshi	III	do	
310	Mohammad Abdul Hamid	III	do	
311	Mohammad Abdul Kadir Khan	III	do	
314	Bala Bhao R. Shandoval	II	do	
316	Baghunath Rao Atoliker	II	do	
323	Nath Rao Anna Rao Kape	III	do	
330	Narayan Rao Maule	Completed	Ex-student Aurangabad Inter. College	
331	Vasant Rao Padalker	do	do	
332	Madhoker Mungeker	III	do	
333	Mahboob Alam	II	Warangal Inter. College	
338	Alur Radhakrishna Murti	III	do	
339	M. Venkateshwar Rao	II	do	
340	E. V. Ram Redy	–	do	
341	V. Sita Ram Rao	III	do	
342	S. Sheshgir Rao	II	do	
345	Mirza Sajjad Ali Beg	Completed	Ex-student Warangal College	
347	N. Ram Krishna Rao	do	Gulbarga, Inter. College	
351	Mohd. Abdur Rahim Imamdar	II	Ex-student Gulbarga Inter. College	
368	Mohd. Qasim Ali	Completed	do	
371	Sada Shivappa	do	do	
372	S. Narsing Rao	do	do	

No.	Name		Year	College
381	Asghari Begam	...	III	Women's College
382	Hamida Bilqis	...	II	do
385	Kalavati	...	II	do
393	Sultana	...	Completed	do
397	Aqila Sultana	...	do	Ex-student, Women's College
398	Mustafa Begam	...	do	do
399	Mumtaz Begam	...	do	do
400	Sultana Begam	...	do	do
401	Kazim Begam	...	do	Private
403	Khurshid Vicaji	...	III	do
406	Qadri Begam	...	III	

FACULTY OF ARTS

No.	Name		Year	College
412	Mohammad Lutfullah Siddiqi	...	III	Osmania University
417	Mohammad Bashiruddin	...	II	do
418	Ghulam Mohammad	...	II	do
423	Syed Abdul Aziz Razvi	...	III	do
426	Syed Arshad Ahmed Muslim	...	III	do
435	Khushal Singh	...	II	do
437	Sahibzada Mir Rahimuddin Ali Khan	...	III	do
440	Jitu Venkata Charia	...	II	do
442	Shankar Rao	...	III	do
443	Mohammad Mohiuddin	...	III	do
444	Mohammad Bukmuddin	...	II	do
449	Hasnuddin Ahmed	...	II	do
454	Abdur Rahman Mohajir	...	III	do
456	Ahmed Mohiuddin Qaisar	...	III	do
460	Bashiruddin Ahmed	...	II	do
464	Mir Hasan Ali	...	III	do
467	Mohammad Nizamuddin	...	III	do
474	Mohammad Zainuddin Siddiqi	...	III	do
476	Syed Husain	...	III	do
480	Said Ahmed Minai	...	II	do
481	Asyatulla Beg Arif	...	II	do

Roll No.	Name		Class	College	Remarks
483	Khwaja Shamsuddin	:	III	Osmania University	
485	Mohammad Dastagir	:	III	do	
487	Shahid Ali Khan	:	II	do	
490	D. Balvant Rao	:	III	do	
492	Inderdat Misra	:	III	do	
493	K. R. Narsa Reddy	:	III	do	
494	K. Pam Mohana Chari	:	III	do	
508	V. Kishta Reddy	:	III	do	
510	Syed Amir Ali	:	Completed	do	
511	Syed Abdul Wahid Qadri	:	do	do	
512	Ghulam Ahmed	:	do	do	
515	Mir Munsur Ali	:	III	Ex-student Osmania University	
518	Mohammad Azharuddin Ahmed	:	III	do	
520	Waliuddin Ahmed	:	III	do	
521	Syed Abdul Majid	:	III	do	
522	Syed Manzur Ahmed	:	III	do	
537	Mohammad Zakiuddin	:	Completed	do	
541	Syed Rashiduddin Ahmed	:	do	do	
542	Syed Alimulla Qadri	:	do	do	
551	Rabindarnath	:	III		
552	Syed Nasrullah	:	III	City Inter. College	
553	Mohammad Qutbud-In Khan	:	III	do	
555	Syed Abdullah	:	II	do	
557	Syed Hamid Ali	:	III	do	
558	Syed Ali Qadri	:	III	do	
565	Syed Ghulam Somdani	:	II	do	
565	Abul Kalam Syed Abdul Azim	:	III	do	
566	Mohammad Abdus Salam Khan	:	III	do	
568	Syed Ahmed	:	II	do	
570	Mirza Abdul Aziz Beg	:	III	do	

No.	Name		Class	Remarks
573	Syed Khwaja Muzaffaruddin	:	II	do
574	Mohd. Anwar Ahmed Siddiqi	:	II	do
577	Mohd. Hamidulla Khan	:	III	do
580	Mohd. Mansab Ali Khan	:	III	do
582	Mohd. Abdul Alim Moinnabadi	:	III	do
584	Syed Latifuz Zaman Ali	:	II	do
586	Dawood Ali Khan	:	II	do
590	Syed Khalilullah	:	III	do
595	Mohammad Abdul Mujib	:	III	do
598	Mohammad Osman Ali	:	II	do
601	Mirza Mustafa Ali	:	III	do
603	Mirza Ghulam Ali Asghar	:	II	do
605	G. Hanmanth Reddy	:	III	do
606	N. Srinivas Reddy	:	III	do
608	Gajanan Rao	:	III	do
610	Venkat Ramniya	:	II	do
618	Ishwar Raj	:	III	do
619	Narayan Rao Kulkerni	:	III	do
623	Pershotam Palnatker	:	Completed	Ex-student City Inter. College
628	Agha Mohammad Jafar Lari	:	III	do
638	Mohsin Bin Husain	:	III	do
641	K. Sita Narayan Reddy	:	Completed	do
655	Mohammad Ahmed Mohinddin	:	III	Aurangabad Inter. College
667	Ghulam Mohinuddin	:	II	do
669	Abdul Hamid	:	III	do
670	Ahmed Idris Qadri	:	II	do
676	Gangadhar Rao Dharmadhikari	:	III	do
677	Mohd. Asadullah	:	III	do
680	Mohd. Moujud	:	III	do
685	Syed Zafarul Haq	:	III	do
686	Mohammad Qamruddin Ahmed	:	III	do
687	Khwaja Abul Fatah	:	III	do
692	Raja Singh	:	III	do
693	Manik Rao Kendriker	:	III	do

Roll No.	Name	Class	College	Remarks
6..	....	completed	Aurangabad Inter. College	
701	Mubashir Ahmed Qureshi	do	Ex-student Aurangabad Inter. College	
709	Nilkant Rao Ananta Rao Pokhare	do	do	
710	Ahmed Husain	III	Warangal Inter. College	
712	Mohd. Siddiq	II	do	
719	Shaik Afzal Mohammad Siddiqi	III	do	
721	Mohd. Nazir Yasin	III	do	
723	Mohd. Yaqoob Ali	III	do	
725	Husain Ali	III	do	
730	S. N. Lokia Naidu	III	do	
736	Sahibzada Mir Masood Ali Khan	Completed	do	
737	Syed Mahboob Husain	III	Ex-student, Warangal Inter. College	
739	N. Venkateshwar Rao	do	do	
746	Mohd. Moinuddin Abbasi	II	Gulbarga, Inter. College	
748	Hamnanth Kishen Rao	II	do	
755	Mohammad Shahabuddin	II	do	
756	Mohd. Ghulam Husain Shabadi	II	do	
760	Husna	III	do	
762	Surat Singh	III	do	
763	Mohd. Faridullah	Completed	do	
764	Krishna Charia	do	do	
772	Mohd. Ataur Rahman Ulvi	do	Ex-student, Gulbarga, Inter. College	
774	Qazi Mohammad Hamiduddin	do	do	
777	Saida Mazhar	II	Women's College	
783	Eetri Bai	III	do	
786	Tasaduq Fatima Panjetan	Completed	Ex-student, Women's College	
789	Liakat Khanam	do	do	
790	Bilquis Fatima Mohammad Ali	III	do	
811	Mohammad Mushiruddin Ahmad	III	Private	
815	Mohd. Faiz Ali	III	do	
821	Ahmed Abdul Halim Khan	II	do	

B.A. Examination, 1347 F. (1938)

Roll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
4	Mohammad Yahya Hashmi	III	Osmania University	
5	Mir Mahboob Ali	III	do	
8	Mohammad Abdus Salam Qadri Siddiqi	II	do	
		FACULTY OF ARTS		
9	Mohammad Ehsanuddin Khan	III	Osmania University	
10	Mohammad Qasim Qureshi	III	do	
12	Syed Rashidul Hasan	III	do	
14	Syed Zahiruddin	III	do	
15	Mohammad Jamaluddin	III	do	
16	Syed Munawar	III	do	
18	Hatim Ali	II	do	
19	Hibatullah Bhai	II	do	
20	Syd Abu Mahmood	II	do	
21	Najmuddin Ahmad Siddiqi	III	do	
26	Ishaq Mohammad Khan Basmati	III	do	
28	Sahibzada Mir Ashraf Ali Khan	II	do	
29	Mohammad Husain	III	do	
34	Qazi Mohammad Abdus Samad	III	do	
35	Mir Mahboob Ali	III	do	
36	Mir Moinuddin Ali Khan	III	do	
37	Shah Abdus Samad Qadrul Multani	II	do	
39	Mohammad Abdul Aziz	II	do	
40	Mohammad Afzaluddin	II	do	
41	Syed Mohammad Hasan Shah	III	do	
42	Shaikh Mohammad Khalilullah	II	do	
43	Mohammad Abdul Waheed	II	do	

Roll No.	Name	Class	College	Remarks
44	Ghulam Moimuddin Khan	III	Osmania University	
45	Mohammad Abdur Rashid Siddiqi	III	do	
46	Syed Abbas Husain Naqvi	II	do	
47	A. Sher Singh	II	do	
48	Madho Rao Kekale	III	do	
49	Ram Chander Rao Deshponde	II	do	
50	Shreedher R. Kulkerni	II	do	
51	Purshotam Bhale	III	do	
52	Gopal Rao Opleker	III	do	
53	D. G. Morenker	II	do	
54	Bhalchander Khaleker	II	do	
55	Shenker Rao Posoleker	III	do	
58	Venketesh Dattatre Tilak	II	do	
60	Krishna	III	do	
61	Baghvender Acharin Malik Samder	III	do	
63	S'inivas Rajprohit	II	do	
65	Afzal Ahmed	II	do	
66	Mirza Ahmed Beg Ghazi	III	do	
68	Mohd. Fasihuddin Ahmed	III	do	
72	Syed Abdur Rahim	III	do	
75	D. Venketeshwarlu	II	do	
76	V. Ram Krishen Rao	II	do	
77	J. Nersimha Rao	III	do	
79	Vithala Chari Singnal	III	do	
80	Basappa Mandge	III	do	
84	M. Ramappa	II	do	
87	Syed Mumtaz Ali Varsi	III	Ex-student, Osmania University	
89	B. V. Ram Rao	III	do	
94	Syed Abdul Naim Ghazi	III	do	

No.	Name		Class	Remarks
99	Hamidat-ul-Rab	...	II	Private
100	Syed Ghulam Husain Naqvi	...	II	do
106	Ram Chander Naik	...	III	Osmania University
108	B. Srinivas Rao	...	II	do
109	Aba Sahib Deshponde	...	III	do
111	Mir Mustafa Ali Akber	...	II	do
114	Mohd. Shamsuddin	...	II	do
115	Syed Abdul Aziz Biabani	...	III	do
118	Shaik Ikram Husain Siddiqi	...	II	do
120	Ahmed Siddiqi	...	III	do
121	Syed Mohammad Husain Razvi	...	III	do
122	Syed Mohammad Abbas Raza Zaidi	...	III	do
124	Mohd. Abdul Khadir Ambari	...	III	do
126	Syed Raza Husain Razvi	...	II	do
129	Govind Rao	...	II	do
130	J. Venket B. Upadhiae	...	III	do
131	Venket Rao Deshponde	...	III	do
132	Abdul Ali Khan	...	III	do
133	Mohd. Abdul Latif	...	II	do
134	Dattatri Rao	...	III	do
135	Vishnu Pant Ser Deshpande	...	III	Ex-student, Osmania University
143	Mir Mazhar Husain	...	III	Private
148	Syed Mahmood	...	III	Osmania University
149	Ahmed Bin Abdullah	...	III	do
152	Mahmood Ali Khan Afghani	...	II	do
153	Mirza Irfan Ali Beg	...	III	do
154	Mohd. Qudratullah Khan	...	III	do
155	Mohd. Ali Mahajir	...	III	do
158	Syed Sultan Mohiuddin Qadri Saifullah	...	III	do
160	Syed Fakhrul Hasan	...	III	do
161	Syed Fakhir Mohammad	...	III	do
162	Mir Shrajuddin Ali Khan	...	III	do
164	Shaik Abdur Rahman	...	III	do
165	Ahmed Husain	...	III	do

Roll No.	Name		Class	College	Remarks
167	Abdul Latif		III	Osmania University	
169	Syed Nizamuddin		III	do	
170	Ahmed Shamsul Haq Haqqani		III	do	
172	Shaik Mahboob Ali		II	do	
176	Riasat Ali Mirza		III	do	
178	Sita Ram Rao Phatak		III	do	
179	M. V. Subba Rao		III	do	
180	N. Bhoj Raj Alias N. Bhojia		III	do	
181	Govind Rao Choraveker		III	do	
182	B. Venkat Narhari		III	do	
183	E. Venkateshwar Rao		II	do	
184	Raghunath Rao Kadam		II	do	
185	Sita Ram Rao Yadkiker		III	do	
186	B. Narsing Rao		III	do	
187	Gunde Rao		III	do	
188	B. J. Senn		III	do	
191	Kashinath Ganga Ram Apa Chilvant		III	do	
194	C. Srinivas Rao		III	do	
195	Syed Mohammad Vajid Ali Khan		II	do	
196	Shanker Mohan Lal Mather		III	do	
197	Y. Verpa Kishappa		II	do	
200	Syed Khwaja Moinuddin		III	Ex-student Osmania University	
205	Sherfuddin Mohammad Abdul Qadir		III	do	
206	Mohd. Khairuddin		III	do	
207	T. Girdher Chari		III	do	
208	Mohd. Hamiduldin Mahmood		III	do	
213	Syed Amir Hasan Rezvi		Completed	do	
216	Lakshmi Narain Shukul		do	do	
217	Mohammad Akberuddin Siddiqi		do	do	
218	Syed Afzul Husain		do	do	
219	Syed Ishaq		III	do	

B.A. Examination, 1348 F. (1939)

Roll No.	Name	Class	College	Remarks
		Faculty of Theology		
1	Mohd. Yousufuddin	II	Osmania University	
4	Syed Qutbuddin Husaini Sabri	II	Ex-student, Osmania University	
		Faculty of Arts		
6	Shaik Mohammad Ali Ansari	II	Osmania University	
7	Mir Mohammad Naqvi Razvi	II	do	
8	Syed Hamid Shattari	II	do	
9	Ghulam Mahboob Khan	II	do	
10	Mohd. Qamruz Zaman	II	do	
12	Mohd. Azimuddin Mohabbat	II	do	
13	Syed Mohammad Asad Khan Razvi	II	do	
14	Syed Ghulam Khwaja	II	do	
15	Mohd. Mustafa Ali	II	do	
16	Mirza Moinuddin Beg	II	do	
17	Shaik Abdus Samad Siddiqi	II	do	
18	Mohd. Omar Mohajir	II	do	
20	Syed Abbas Ali Razvi	II	do	
21	Mirza Mohammad Husain	II	do	
23	Mohammad Hafizuddin Ahmed	II	do	
24	Syed Abbas Hasan Razvi	II	do	
25	Syed Shah Ali Husaini	II	do	
26	Mohd. Abdur Rashid Subhani	II	do	
27	Syed Nasiruddin Ahmed	III	do	
29	Sirajuddin Ahmad	III	do	
32	Mohd. Abdul Majid Khan	III	Ex-student, Osmania University	
36	Qazi Mohammad Yousufuddin	III	do	

Roll No.	Name	Class	College	Remarks
37	Ambadas Rao Pathok	III	Ex-student, Osmania University	
39	Govind Gopal Narelker	III	do	
40	P. V. Krishna Murti	III	do	
41	Vir Bhadrin Malinath	III	do	
42	Syed Ghiasuddin Qadri	III	do	
44	Syed Abdul Hamid Haqqani	II	do	
45	Mohd. Sultan	III	do	
46	Abul Fazal Mohammad Zakaria	III	do	
51	Ram Kishen Phople	III	do	
53	D. Srinivas Rao	III	do	
54	A. Tukka Rao	III	do	
58	Mumtaz Jehan Begam	III	Women's College	
59	Afsarunnisa Begam	II	do	
60	Mohd. Mahboob Ali	III	Private	
61	Ghulam Jilani	II	do	
63	Mohd. Nurul Ula	III	do	
64	Mir Vajihuddin	III	do	
68	Mohd. Muniruddin	III	Osmania University	
70	Mohd. Hafizuddin	III	do	
73	Mohd. Mujibulla Siddiqi	II	do	
74	Hamid Mohiuddin	III	do	
76	Ibrahim Sharif	III	do	
77	Malik Safder Husain	III	lo	
78	Syed Muniruddin Maghrabi	III	do	
79	Syed Abdul Karim	III	do	
80	Hari Kishen Das	III	do	
81	Ilyas Ahmed	III	do	
82	Syed Husain Razvi	II	do	
93	Syed Khwaja Burhamullah	III	do	
94	Mohd. Turab Ali Khan	III	do	

86	Syed Baqer Raza Vasti	...	II	do
87	Syed Abdul Vajid Razvi	...	II	do
93	Mohd. Qutbuddin Ahmed	...	III	Ex-student Osmania University
95	Bashir Mohammad Khan Farooqi	...	III	do
98	Saleh Bin Ahmed	...	II	do
99	Abidunnisa Begam	...	II	Ex-student, Women's College
100	Hasina Mirza	...	III	Women's College
103	Shanker Singh Sadival	...	III	Private
104	Ahmed Khan	...	II	Osmania University
105	Syed Durvesh Alam	...	III	do
106	Sahibzada Mir Qadir Ali Khan	...	III	do
107	Syed Nurullah Ahmed	...	III	do
108	Mirza Razzak Beg	...	III	do
109	Syed Khwaja Mohammad Moinuddin	...	III	do
110	Syed Mohammad Ahmed Husain	...	III	do
112	Mohd. Ishaquddin	...	III	do
113	Syed Fasihuddin	...	III	do
114	Mohd. Iftekhar Ahmed	...	III	do
115	Mohd. Allauddin	...	III	do
116	Mohd. Zahiruddin Ansari	...	III	do
118	Syed Mohammad Ali	...	III	do
120	Ahmed Moinuddin	...	III	do
121	Mohd. Rashiduddin Khan	...	III	do
123	Mohd. Iftekhar Husain Siddiqi	...	III	do
123	Syed Mohammad Husain	...	III	do
125	Khwaja Moinuddin Farooqi	...	III	do
126	Mohd. Shamsuddin Farooqi	...	III	do
128	Mir Kazim Ali Khan	...	III	do
129	Akber Hasan Latif	...	III	do
130	A. Abhi Mina Rao	...	III	do
131	H. W. Butt	...	III	do
132	Syed Azizul Hasan Naqvi	...	II	do
134	Mohd. Abdul Hamid Osmani	...	II	do

Roll No.	Name		Class	College	Remarks
136	Suraj Narayan Sanghi	:	III	Osmania University	
149	Mir Abbas Hyder Kazmi	:	III	Ex-student, Osmania University	
151	G. S. Hiremuth Gunhal	:	III	do	
155	R. Vishonath Rao	:	Completed	do	
158	Syed Ahmed Nehri	:	do	do	
162	Shaik Abdur Rahim	:	do	do	
163	M. Moinuddin Tusi	:	do	do	
165	Abdul Wahid Siddiqi	:	III	do	
171	Syed Ghiasuddin Qadri	:	III	do	
172	Sharif Hasan Hashmi	:	Completed	do	
173	Devidas Rao Chamniker	:	III	do	
247	V. Ram Chandra Reddy				

B.A. EXAMINATION, 1349 F. (1940)

Roll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
1	Syed Abdul Razzaq Qaderi Jafar	II	Osmania University	
5	Mohd. Fareed Mirza	II	do	
7	Mohd. Shujat Ali Abbasi	Completed	do	Ex-student,
		FACULTY OF ARTS		
10	Syed Altafur Rahman	III	Osmania University	
12	Syed Habeebuddin Qaderi	II	do	
14	Abdus Sattar	III	do	
15	Mujeeb Yar Khan	II	do	
16	Syed Abdul Rasheed Qureshi	II	do	
18	Ali Ahmad	II	do	
20	Kazi Mushiruddin	II	do	
21	Mohd. Waheed Ahmad	III	do	
23	Syed Hameedulla Hussaini	III	do	
25	Mohd. Abdul Hafeez	II	do	
26	Aga Mohammad Hasan	III	do	
32	M. Rang Rao	II	do	
33	P. Durgia		do	
34	Mohd. Abdul Kadeer Khan	II	do	
35	Mohd. Khaja Habeebulla	III	do	
36	Mohd. Ghiasuddin Khan	II	do	
40	B. K. Verdhraj	III	do	
41	T. Gopal Ayangar	III	do	
42	G. Wenk ateshwer Rao	I	do	
43	P. Gopal Rao	II	do	
44	N. Govind Rao Joshi		do	

Roll No.	Name	Class	College	Remarks
47	Shesh Rao	III	Osmania University	
54	Zaheer Ahmad	III	do	
55	Mir Abid Ali Khan	III	do	
58	Syed Mohd. Abbas Kazemi	Completed	do	
60	Shaher Banu Naqawi	II	Women's College	
67	Sham Rao Jenturker	III	Osmania University	
68	Mohd. Aqil Ali Khan	III	do	
70	Mohd. Shamimull Hassan Razavi	II	do	
71	Syed Ahmad Raza	II	do	
77	Mohammad Qutbuddin Ahmad	II	do	
84	Manzur Mustafa Siddiqi	II	do	
85	Ahmad Abdul Kader	II	do	
88	Mohammad Omer	III	do	
89	Mohammad Ali	II	do	
91	Sree Krishna Sinha	III	do	
92	Hasham Moizuddin Ahmed	III	do	
109	Mohd. Moin Khan	III	do	
112	Mohd. Abdus Satar	III	do	
115	Mohd. Zaiml Abideen Ansari	III	do	
116	Biaz Ahmed	III	do	
117	Syed Sadatulla Hussaini	III	do	
118	Mohd. Abbas	III	do	
119	Mohd. Abdul Hameed Khan	III	do	
120	Kazi Ghulam Khaliq Nawaz Osawi	II	do	
122	Mohd. Naeemuddin Siddiqi	III	do	
123	Meer Azizuddin Ali	III	do	
125	Shaik Hyder	III	do	
126	Mohd. Abdullateef	III	do	
130	Mohd. Hamed ur Rahman	III	do	
132	Mirza Baqer Khan	III	do	

133	K. Narsimha Rao	..	III	do
135	B. Keshu Reddy	..	III	do
143	Pingal Dharma Reddy	..	III	do
144	Vinayak Rao Rambavaray	..	III	do
148	Ram Kishan Rao Nimbalker	..	III	do
149	K. Gopal Rao	..	III	do
152	C. V. Ram Rao	..	III	do
153	M. Subraminium	..	III	do
155	Mohd. Abdul Waheed Khan	..	III	do
156	Khaja Moinuddin	..	III	do
158	Syed Mohammad Talib	..	II	do
160	K. Venkat Rajeshwar Rao	..	III	do
164	Narayan Pershad	..	II	Ex-student Osmania University
172	Balkishan Rao Narain Rao Ganga Khedkar	..	III	Private
178	Syed Ibrahim	..	Completed	Ex-student Osmania University
189	Mahmood Ali	..	do	do
191	Mohd. Bashiruddin Siddiqi			

B.A. EXAMINATION, 1350 F. (1941).

Boll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
2	Qazi Mohammad Abdur Rahman	II	Osmania University	
4	Syed Mahmood	II	do	
5	Mohd. Khalilur Rahman	III	do	
		FACULTY OF ARTS		
8	Mohammad Ikramuddin	II	Osmania University	
9	Mohammad Abdul Aziz	III	do	
13	Syed Mubarezuddin Ahmed	III	do	
17	Mohammad Ikramuddin	III	do	
20	Ghulam Ahmad	III	do	
21	Mohd. Vasi Ahmad	II	do	
22	Mohd. Ismail	II	do	
24	Narayan Dattatri Rao Chodapurker	II	do	
27	Mohd. Mazharuddin Siddiqi	III	do	
30	A. Raj Reddy	III	do	
31	B. Hanmanth Rao	III	do	
32	D. Kesho Rao	III	do	
39	Devidas Rao Deshponde	III	Ex-student, Osmania University	
45	L. Venkat Reddy	III	do	
47	A. Gruva Reddy	III	do	
50	Ahmedunnisa Begam Surriaya	III	Women's College	
55	Syed Badsha Ali Nakshalami	III	Private	
58	Ramkishen Rao Deshponde	III	Osmania University	
59	V. Gopala Chari	III	do	
60	Vithal Rao Kohirker	III	do	
62	Ramchander Rao Bhareker	III	do	

No.	Name		Remarks
65	Mohd. Muslehuddin	III	do
66	Mohd. Ameenuddin	III	do
67	Syed Qamruddin	II	do
69	Syed Badruddin Qadri	III	do
70	Ausaf Ali Abbasi	III	do
71	Abdur Rahim	II	do
72	Mirza Dawood Ali Beg	III	do
74	Ali Hasan	II	do
75	Mohd. Niaz Ahmed Khan	III	do
79	Syed Aon Mohammad	III	do
83	Syed Shah Salahuddin	III	do
84	Syed Ali Mohammad Almusavi	III	do
89	Vemaik Rao Sarje	III	do
93	Mohd. Ghousuddin	III	do
94	Mohd. Jalaluddin Ahmed	III	do
97	S. Krishna Swami	III	do
98	Mir Moinuddin Ali Khan	II	do
99	Mohd. Muneeruddin Ahmed Farooqi	III	do
100	Ghulam Saadat Ali	III	do
101	Zakir Husain	II	do
102	Mohd. Abdul Aziz Siddiqi	II	Ex-student Osmania University
108	Ramling Grulker	III	do
111	Mohd. Abdul Majid Farooqi	III	do
114	Mohd. Hyder Jeddi	III	Women's College
123	Shah Jehan Begam	III	Private
126	Krishnajee Narayan Rao Kalyanker	III	Osmania University
127	Mirza Mohmood Ali Beg	III	do
128	Syed Moinuddin Qadri	III	do
130	Mohd. Abdur Rashid	III	do
131	Hafiz Mohd. Mukhtar Ahmed Jilani	III	do
134	Nizamuddin	III	do
139	Tawfiq Mohammad Khan	II	do
141	Khwaja Abdur Rahman	III	do

Roll No.	Name	Class	College	Remarks
142	Mohd. Bin Ali Bawahab	III	Osmania University	
145	Ghulam Dastagir	III	do	
146	Sirajuddin Ahmed	II	do	
147	Taqi Husain	III	do	
150	M. Raghu Rao	III	do	
152	S. Narsing Rao	II	do	
154	K. Purshotam Rao	II	do	
156	Meghsham Rao	III	dn	
157	Jagannath Rao Kulkerni	III	do	
159	D. L. Agerval	III	do	
160	Pondorang Rao Joshi	III	do	
161	G. Murlidher Rao	III	do	
162	Shanker Rao Kulkerni	III	do	
163	H. Srinivasa Rao Acharia	III	do	
166	Ali Amer	III	do	
167	Mohd. Abdul Baqi	III	do	
170	Aziz Mohammad	III	do	
171	Mohd. Yahya Khan	II	do	
174	Syed Alim Khundmeri	III	do	
175	Ram Kishen Rao Mahajan Odgirker	II	oo	
176	M. Lakshmi Narayan Verma Gokali	III	do	
177	Manik Lal Gupta	II	do	
179	J. Ram Rao	III	do	
180	Chakunta Balkishen Rao	III	do	
183	R. Balkrishna Reddy	III	Ex-student, Osmania University	
193	Syed Afzaluddin Khan	III	dc	
197	Khande Rao	III	do	
199	Kishen Pershad	III	do	
202	Kishen Rao Miskiker	III	do	
205	B. K. Joshi	III		

No.	Name			
208	Venkat Rao Vedna	:	III	do
209	Habibur Rahman Sharif	:	III	do
210	Ghulam Ahmed Khan **Tahir**	:	III	---
211	Qazi Ghulam Mohiuddin **Ghazi**	:	III	do
212	Raghuvender Rao Achnria	:	III	do
220	B. Shamsunder	:	III	Private
223	Muzaffaruddin Khan	:	Completed	Ex-student Osmania University
224	Mohd. Mazhauddin Siddiqi	:	do	**do**
234	Syed Ather Hussain	:	do	do
235	Syed Mohammed Husain	:	do	do
236	Kishen Rao Vasdiker	:	do	do
237	Digamber Rao	:	do	

FACULTY OF SCIENCE

B.Sc. EXAMINATION 1347 F. (1938)

Roll No.	Name	Class	College	Remarks
220	Abul Makarim Mohammad Fahimuddin	III	Osmania University	
221	Mohd. Asadullah Said	II	do	
222	Syed Nizamuddin Ahmed	III	do	
224	Mohd. Hamiduddin	II	do	
225	Mohd. Abdur Rashid	II	do	
226	Mohd. Murtaza Ali Khan Nagar	II	do	
227	Syed Mohd. Siddiq Qadri	II	do	
229	Syed Shah Shahabuddin Nahri ul Qadri	II	do	
230	Syed Nematullah Qadri	II	do	
231	Bai Jaswant Rao Asthana	II	do	
233	K. Bangia	II	do	
234	Ganpat Basole	III	do	
236	Vishomath	III	do	
237	Rajender Narayan Ashthana	III	do	
238	M. Rama Reddy	II	do	
239	Eranna	III	do	
241	Shambu Pershad Mehra	Completed	Ex-student, Osmania University	
247	Guru Pershad Kapur	III	do	
248	Habibuddin	III	Osmania University	
251	Qazi Kabir Ahmed	III	do	
252	Mohd. Qader Khan	III	do	
253	Mohd. Jahangir	III	do	
254	Mir Zamin Ali	III	do	
257	Petjal Venkat Lakshma Rao	II	do	
258	M. Venkat Swami	III	do	
259	Kishen Rao	II	do	
260	Devi Das Rao	III	do	

261	Nather Dattari Rao Kamtiker	...	III	do
262	Narayan Chari	...	II	do
263	Jagannath Rao Valveker	...	III	do
267	Khwaja Ahmed	...	III	Ex-student, Osmania University
270	B. Mahendra	...	III	do
274	Syed Mohammad Mahmood	...	III	Osmania University
275	K. Srinivas Rao	...	II	do
276	P. Venkat Ram Rao	...	III	do
277	Bhogender Rao Deshpande	...	III	do
278	C. Ganesh Singh	...	III	do
281	Abul Khair Siddiqi	...	III	do
282	Allah Yar Khan	...	II	do
284	Mohd. Biazul Hasan Qureshi	...	III	do
285	Syed Bashir Ahmed	...	II	do
286	Mohd. Fateh Nasib Khan	...	III	do
289	Syed Mohammad Qadri	...	II	do
292	P. Srinivas Rao	...	III	do
295	Mohd. Ishaq	...	III	Ex-student, Osmania University
296	Ahmed Bin Nasib	...	III	Osmania University
298	Mohd. Abdul Hafiz Siddiqi	...	II	do
299	Mohd. Abdul Aziz Siddiqi	...	II	do
300	Wahidullah Khan	...	III	do
302	Mohd. Saiduddin Siddiqi	...	II	do
303	Mir Fazal Ali Zaidi	...	II	do
305	Sadashev Rao	...	III	Ex-student, Osmania University
306	Mohd. Rahmat Ali Humaun	...	II	do
307	Syed Mahmood	...	III	do
311	P. Dev Raj	...	II	Woman's College
313	Sharda Bai	...	II	do
316	Darus Lilavati Datt	...	II	do
317	Zohurunnisa Begam	...	II	do

B.Sc. Examination 1348 F. (1939)

Roll No.	Name	Class	College	Remarks
176	Malik Shabbir Husain	II	Osmania University	
177	Mohd. Karimuddin	III	do	
178	Syed Vazir Ali	II	do	
180	Mohd. Afzal Husan	III	do	
181	Azizullah Khan	III	do	
182	Mirza Mohammad Ali Beg	II	do	
186	Syed Nematullah Musavi	III	do	
187	Mirza Saif Ali Beg Mehdi	II	Ex-student, Osmania University	
188	Mohd. Mohiuddin Ali Khan	III	do	
190	K. Bang Rao	II	Osmania University	
192	Mohd. Ziaul Haq Siddiqi	II	do	
194	Mansab Ali Khan	II	do	
195	Mir Sardar Ali	II	do	
198	K. Veeraya	III	do	
199	Syed Ziaul Haq Qadri	II	Ex-student, Osmania University	
200	M. Lakshmi Nerhari	II	Osmania University	
202	Syed Baza Mustafa Ali Razvi	III	do	
208	Syed Zohuruddin Ahmed	III	do	
209	Mohd. Moinuddin	II	do	
212	Ghulam Ghouse Khan	III	do	
213	Mohd. Abdur Rashid	II	Women's College	
214	Khwaja Abdul Ghafoor	II	Osmania University	
217	A. K. Hasina Begam	III	do	
218	Mohd. Omer Khan	III	do	
219	Syed Amjad Ali Khan	III	do	
222	Mohd. Abdur Rashid Khan	III	do	
223	Mohd. Habibullah	III	do	
294	Mohammad Abdul Munim	II	do	

No.	Name		Class	Remarks
227	Mohd. Vilayet Ali Khan Yousuf Zai	..	III	do
228	Shaik Abdul Wahab	..	II	do
229	Mohd. Nurullah	..	III	do
230	Syed Shamsuddin Qadri	..	III	do
231	Ghulam Moinuddin	..	II	do
232	Muneer Chand	..	III	do
234	Syed Turab Hyder Zaidi	..	Completed	Ex-student, Osmania University
236	Mohammed Mukhtar Ahmed	..	II	Women's College
238	Siddiqa Khanam	..	III	Ex-student, Osmania University
239	Ghulam Ghouse	..	Completed	do
242	Sridher Rao	..	do	do
243	Venketesh Rao (Venket Rao)		do	Ex-student, Women's College
245	Amatul Hafiz Begam			

B.Sc. Examination 1349 F. (1940)

Roll No.	Name	Class	College	Remarks
195	Syed Iqbal Pasha Kaderi	III	Osmania University	
198	Ghulam Jilani	III	do	
200	Mohd. Abdul Rasheed	II	do	
201	Mohd. Rafiuz Zaman	III	do	
207	Mir Rafiq Ali	III	do	
212	Wishnu Desh Panday	I	do	
216	Rai Mohan Rai Ishthanu	III	do	
222	Dattatray Mahajin	III	Ex-student, Osmania University	
225	Jameel Ahmed Farooqi	II	Osmania University	
232	Shaik Wadud Ahmad	II	do	
233	Mohd. Rafiuddin	II	do	
239	Shankar Rao	III	do	
241	P. Chinna Reddy	Completed	Ex-student, Osmania University	
245	Nago Rao	do	Osmania University	
248	Dattafri Protikar	II	do	
249	Syed Shah Alam	II	do	
251	Mohd. Abdul Qadir	II	do	
253	Mustafa Ali Khan	III	do	
254	Mohd. Naziruddin	III	do	
255	Mohd. Khwaja Pershad	II	do	
256	Mohd. Abdul Hamid	II	do	
257	Syed Nurul Hasan Jafari	II	do	
262	K. B. Deshpande	III	do	
266	Mohd. Hussin	III	do	
267	Syed Hamid Moinuddin	III	do	
269	Syed Mukhtaruddin	II	do	
272	Mohd. Hakimuddin	II	do	
274	Mir Shamshir Ali	II	do	

275	Mohd. Moinuddin Khan	..	II	do
276	Mohd. Mahmood Ali Khan	..	III	do
282	Krishen Dial	..	II	do
283	V. K. Raj Prohit	..	III	do
286	Ganesh Pershad	..	II	do
290	M. Prem Raj Mathar	..	II	do
293	Mohd. Jalaluddin Jafar	..	Completed	Ex-student, Osmania University
295	Sirajunnisa Begam	..	II	Ex-student, Women's College
296	Merry Mathew	..	III	do
297	Mohd. Sirajul Haq	..	Completed	Ex-student Osmania University
298	Mohd. Mahboob Ali	..	do	do

B.Sc. Examination 1350 F. (1941)

Roll No.	Name	Class	College	Remarks
246	Moinuddin Hasan Osmani	III	Osmania University	
247	Mohd. Samiullah	III	do	
248	Mohd. Azizuddin Khan	III	do	
249	N. Ramchander Rao	II	do	
250	Babu Rao Mole Kalamnureker	III	do	
252	Partab Rao Hayatnagarker	II	do	
255	Bhasker Rao Bakshi	II	Ex-student Osmania University	
267	Nilkant Rao Nandapurker	II	Osmania University	
275	Syed Anwer Husain	III	do	
274	Azher Husain	II	do	
275	Mohammad Abdus Subhan Khan	II	do	
277	Shamsunder Rao Gangakherker	II	do	
281	Mohammad Shafaqqat Husain Siddiqi	I—II	do	
283	Shah Abdul Ahad	II	do	
284	Syed Shoukat Husain	III	do	
285	Vasdev Rao Bhalchander	II	do	
286	Mohd. Ilyas Khan	II	do	
293	Mohd. Vahiduddin	III	do	
295	Mohd. Jafar. Chishti	III	do	
297	Syed Ishaq	II	do	
298	Mir Ahmed Ali Khan Anwar	III	do	
299	Ali Asadullah Khan	III	do	
302	Mohd. Muzaffaruddin	II	do	
306	Vithal Singh	II	do	
307	Vasant Rao Sadeker	II	do	
311	Syed Mohammad Askari Baqri	II	do	
312*	Mohd. Hafizuddin Khan	II	do	
314	Syed Ghulam Moinuddin	III	do	

316	T. R. Ratan Singh	...	III	Ex-student Osmania University
322	Mir Mehdi Ali	...	III	Osmania University
323	Mirza Abdus Salam Beg	...	III	do
326	Abu Turab Mohammad Khaliluddin	...	III	do
327	Mujtaba Yar Khan	...	III	do
330	Mohd. Mahboob Sharif	...	III	do
331	Mohd. Azizur Rahman	...	III	do
334	Perbhaker Rao Deshponde	...	II	do
335	Sureshchander Ishthana	...	II	do
336	G. Narsingh Rao	...	III	do
337	S. N. Reddy	...	II	do
339	Bex J. Fernandez	...	III	Ex-student Osmania University
341	Qader Husain Qureshi	...	II	do
348	Premnath Mahendra	...	Completed	do

M.A. Examination, 1347 F. (1938).

Roll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
4	Syed Mohammad Sadiq Mahmoodi	I	Osmania University	
2	Hafiz Sharif Mahfuz	II	do	
		FACULTY OF ARTS		
6	Ghafoor Ahmad Mujaddedi	II	Osmania University	
7	Mohd. Siddiqi Husain Al-Farooqi	II	do	
9	Syed Akhtar Hasan	II	do	
17	Mirza Qudratullah Beg	II	do	
18	Syed Ahmed	II	do	
19	Mohd. Farooq Husain	II	do	
20	Syed Ashfaq Husain	II	do	
23	Mirza Mukhtaruddin Ahmed	III	do	
24	Harmanth Rao Manviker	II	do	
25	Gopal Rao Aspangiker	III	do	
26	Khwaja Eisa Ahmed	III	do	
27	Syed Ali Mohammad	III	do	
36	Govind Rao Povar	II	do	
37	Aqa Syed Mohammad Quli Khan	III	do	
38	Mohd. Abdul Vali	III	do	

M.A. Examination 1348 F. (1939)

FACULTY OF THEOLOGY

Roll No.	Name	Class	College	Remarks
29	Mohd. Ghouse	I	Osmania University	
28	Syed Yasin	II	do	

Faculty of Arts

No.	Name	Class	Institution
46	Syed Mohammad Ahmed Sabzvari	I	Osmania University
36	Lateefunnisa Begam	I	Women's College
24	Mohd. Bin Omer	III	Osmania University
25	Mohd. Mahmood Husain	III	do
27	Mohd. Habibullah	II	do
30	Hasan Ahmed Minai	III	do
32	Najmunnisa Begam	II	Women's College
33	Naimunnisa Begam	II	do
34	Jehan Bano Begum	II	do
35	Tasneem Sultan	II	do
37	Sahibzada Mir Ashrafuddin Ali Khan	II	Osmania University
38	Syed Shahid Husain Bazzaki	II	do
39	K. V. Bhopal Rao	III	do
40	Syed Mohammad Taqi Hashmi	II	do
41	Mohd. Nasir Ali	III	do
42	Mohd. Inayet Husain	II	do
45	Mohd. Baqar Faridi	II	do

M.A. Examination 1349 F. (1940)

Faculty of Theology

No.	Name	Class	Institution
31	Mohd. Abdus Salam Kadery	I	Osmania University
32	Mir Mahboob Ali	II	do

Faculty of Arts

No.	Name	Class	Institution
30	N. A. Shesha Charia	III	Osmania University
33	Syed Zahiruddin Hasan	II	do
34	Syed Abas Husain Naqavi	II	do
36	Sahibzada Mir Ashraf Ali Khan	III	do
37	Syed Rasheedul Hassan	II	do
38	Amir Mohammad Hanif	III	do
39	Syed Mohammad Abas Raza Zaidi	III	do
40	Ahmad Siddiqi	II	do
41	Syed Fakhrul Hasan	II	do
42	Edris Ahmed	III	do

M.A. EXAMINATION 1850 F. (1941)

Roll No.	Name	Class	College	Remarks
		FACULTY OF THEOLOGY		
26	Mohd. Yousufuddin	I	Osmania University	
27	Syed Qutbuddin Husain Sabri	II	do	
		FACULTY OF ARTS		
28	Syed Hameed Shuttari	II	Osmania University	
29	Shaik Mohammad Ali Ansari	II	do	
30	Shaikh Abdus Samad Siddiqi	II	do	
31	Mohd. Omer Mohajir	III	do	
32	Azimuddin Mohabbat	II	do	
33	Syed Abbas Ali Razvi	II	do	
35	Sahibzada Mir Qader Ali Khan	III	do	
47	Hafizuddin Ahmed	III	do	
48	Syed Mohammad Taqi Hashimi	III	do	
49	Hasina Mirza	II	Women's College	
50	Afsarunnisa Begam	II	do	
51	Diadevi Waghre	III	do	
52	Afzal Ahmad	II	Osmania University	
54	B. Veshunatham	II	do	
55	Syed Abbas Hasan Razvi	II	do	

M.Sc. Examination 1347 F. (1938)

Roll No.	Name	Class	College	Remarks
46	Bhujang Rao Kulkerni	I	Osmania University	
67	Mohd. Qadaruddin Khan	I	do	
47	Syed Bashiruddin Nizami	II	do	
52	Mohd. Abdul Hai	II	do	
53	Mohd. Salar Masood	II	do	
54	Mohd. Abdul Vali Siddiqi	II	do	
55	J. Lakshmi Kantem	II	do	
59	Khwaja Mohammad Nasrullah	II	do	
60	Mohd. Abdul Jabbar Farooqi	II	do	
61	Mohd. Jaffar	II	do	
65	Syed Ahmed Kabir	III	do	
66	Mohd. Abdur Rahman Khan	II	do	
68	Syed Mehdi Ali	II	do	

M.Sc. Examination 1348 F. (1939)

Roll No.	Name	Class	College	Remarks
47	Mohd. Mohamid Ali Abbasi	II	Osmania University	
48	Mohd. Abdul Hai	II	do	
49	Mohd. Kalimullah Siddiqi	III	do	
50	Mohd. Abdur Rahim Khan	II	do	
51	Mohd. Abdul Ali	II	do	
52	Syed Mohammad Hyder Raza Zaidi	II	do	
53	Mohd. Abdul Vahid Qureshi	II	do	
54	Mohammad Abdul Waheed	II	do	
55	Khwaja Salabat Ali	II	do	
56	Mahbubunnissa Begum	II	Women's College	
57	Ghulam Moinuddin	II	Osmania University	
58	Mohd. Maqsood Shah Khan	II	do	
59	Mohd. Qutbuddin	II	do	

M.Sc. Examination 1349 F. (1940)

Roll No.	Name	Class	College	Remarks
44	Padmanabh	I	Osmania University	
46	Syed Mahmood	I	do	
49	M. K. Buderunisa	–	Women's College	
43	Evangelian W. Plowman	II	do	
45	Mohd. Jahangeer	II	Osmania University	
47	Mohd. Rahmat Ali Humaun	II	do	
48	Zahoorunisa Begam	II	Women's College	
50	Daris Leelavati Dutt	II	do	
51	Mohd. Fatah Naseeb Khan	II	Osmania University	
52	Mohd. Riazul Husain Quraishi	II	do	
53	Shardha Bai	II	Women's College	

M.Sc. Examination 1350 F. (1941)

Roll No.	Name	Class	College	Remarks
44	Mohd. Omer Khan	I	Osmania University	
38	Narayan Chari	–	do	
36	S. Vaman Acharia	II	do	
37	M. Sita Ram	III	do	
39	Mohd. Ziaullah Siddiqi	II	do	
40	K. Veeraya	II	do	
41	Bashida S. Reporter	II	Women's College	
42	Raghupat Rai Lakhpat Rao Srivastava	III	Osmania University	
43	Ghulam Ghouse Khan	III	do	
45	Shaik Abdul Wahab	II	do	
46	Siddiqa Khanam	II	Women's College	

FACULTY OF EDUCATION

Dip.-in-Ed. Examination 1347 F. (1938)

Roll No.	Name	Rank		Remarks
		Theory	Practice	
1	Khwaja Mahmood Ahmed Husaini	III	II	
2	Mohd. Sharifuddin	II	II	
3	Mohd. Jamil Ahmed Burni	II	II	
4	Mohd. Abdur Rashid Beg	II	I	
5	Mohd. Omer	II	I	
6	Abdul Hamid Khan	II	II	
7	Bhim Sen Rao	II	II	
8	Vishnu Pant Kulkerni	II	II	
9	B. Gundappa	III	II	
10	V. M. Subramminm Pillay	II	II	
11	Parbhaker Damoder Shanderker	II	II	
12	C. Gopal Rao	II	II	
13	Mohd. Karam Ali Khan	II	II	
14	Mohd. Hafizulla Mir	II	II	
15	Mohd. Moinuddin	III	II	
16	Mohd. Jilani	II	II	
18	Radha Kishen Bathur	II	II	
19	Mohd. Abdul Khaliq	II	I	
20	Digamber Rao	III	I	
21	Sharifil Hasan	III	II	
22	Syed Sadiq	II	I	
23	Mohd. Bashir Ahmed Ulwi	II	II	
24	Syed Azher Ali Kirmani	II	I	
25	Manik Rao Patu	II	I	
26	Sadashev Rao Kesho Rao Kale	II	I	

Roll No.	Name	Rank		Remarks
		Theory	Practice	
27	Mohd. Abdul Jabbar	II	I	
28	Mohd. Osman Emadi	III	II	
30	K. Vedanta Chari	I	I	
31	Enjayya	II	II	
32	C. Som Sunderam	II	II	

Dip.-in-Ed. EXAMINATION 1348 F. (1939)

Roll No.	Name	Rank		Remarks
		Theory	Practice	
1	Mohd. Khalilur Rahman	II	I	
3	Grunath Rao	II	II	
4	Venkat Rao Pranik	III	II	
5	Juganath Pershad Tripathi	III	II	
6	Bryan Lawrence Oates	II	II	
7	Syed Khwaja Husain	I	Passed	
8	Ghulam Moinuddin	I	II	
9	Balbir Pershad	II	II	
10	Mir Najabat Ali Khan	I	I	
11	Mohd. Ishrat Ali Khan	I	I	
12	Kastursa Saojee	III	II	
13	Mohd. Ishaq	II	II	
14	Mahadev Rao Tamne	III	Passed	
15	G. S. Bodhanker	III	II	
16	Bhujang Nago Rao Chaksho	III	II	
17	Hille Rao Kulkerni	III	II	
18	Syed Husain	II	II	
19	Syed Muslim	III	II	
20	Mirza Ghulam Hyder	III	Passed	

No.	Name			
21	Mohd. Abdul Vakil Siddiqi	...	II	I
22	Mohd. Abdul Naeem Siddiqi	...	II	I
23	Qazi Mohammad Abdul Baqi	...	II	I
24	S. K. Ghulam Husain	...	III	II
25	N. A. Shesha Charia	...	II	II
26	Mir Asad Ali	...	— I	I
27	Mohd. Safiullah	...	II	II
28	Syed Mohammad Ali	...	II	I

Dip.-in-Ed. Examination 1349 F. (1940)

No.	Name			
1	Eknath Rao Dhokte	...	III	Passed
2	Murlidhar Rao Ghaniker	...	II	II
3	Ramchander Rao Deshponde	...	I	I
4	Srinivas Rao Dhongra	...	III	II
5	Bar Srinivas Rao	...	III	II
6	Syed Amir Hasan Razvi	...	II	Passed
7	Mahboob Khan Yousufzai	...	II	I
8	Mir Mazher Hasan	...	II	II
9	Syed Khalil Hasan	...	— I	II
10	Malik Safdar Husain	...	II	II
11	Veeraia Swami	...	II	II
12	Baknuddin Ahmed Qureshi	...	II	I
13	Jenardhan Moghe	...	II	I
14	Bhimsen Achari	...	II	III
15	Mir Sajjad Ali	...	I	II
16	Syed Yaqoob	...	I —	—
17	Qasim Ali	...	II	I
18	S. C. K. Ramdas	...	II	I
19	Mohd. Karimullah	...	r I	I
20	Mohd. Abdul Wahid Qureshi	...	II	II
21	Mohd. Ghulam Ahmed	...		Passed
22	Mohd. Siddiq	...	I	I
23	Habib Ahmed	...	II	II

Roll No.	Name	Rank		Remarks
		Theory	Practice	
24	P. Vamanachari	II	I	
25	A. N. Mutial Swami	III	II	
26	Nerher Damodhar Vagh	II	II	
27	Bhujang Rao Indorker	II	II	
28	K. Rangia	1		

Dip.-in-Ed. Examination, 1350 F. (1941).

Roll No.	Name	Rank		Remarks
		Theory	Practice	
1	Devidas Rao Chamniker	III	II	
2	Sirdar Singh	II	Passed	
3	Sadashiv Rao Bhogle	III	Passed	
4	Biderker Kesho Rao	II	II	
5	Shanker Singh Sadival	III	Passed	
6	Ganesh Rao Pujari	II	II	
7	Mohd. Mohiuddin	II	Passed	
8	Ghulam Jilani	II	II	
9	Ijaz Ahmed	II	II	
10	Mohammad Abdul Hai Subhani	II	II	
11	Mir Abbas Hyder Kazmi	II	II	
12	Mohd. Rahmatulla	II	II	
13	Abdul Ghafoor	II	II	
14	M. Raghvender Rao	III	1	
15	Mohd. Abdul Hai	III	1	
17	K. Koteshver Rao	III	Passed	
18	Mohd. Azam Khan	II	1	
19	Syed Naqi Ali	II	II	
20	Kishen Das Jagmohandas Kadve			

No.	Name		
21	Mohd. Mukhtar Ahmed	III	II
22	Habibulla Khan Siddiqi	II	I
23	Syed Murteaza Hussain	II	II
24	Nurul Ula	III	Passed
25	Komandor Srinivas Aiyangar	II	I
26	Venaik Rao Nago Rao Thathe	II	II
27	M. Venkat Swami	III	Passed
28	D. K. Nagesh Rao	II	II
29	Ramchander Singh	I	I
30	Ranganath Rao Kamtiker		I

M. Ed. Examination, 1350 F. (1941).

No.	Name	Theory	Thesis
31	Abul Makarim Faiz Mohammad Siddiqi	II	II
32	Habib Ahmed Farooqi	I	I
33	K. Vedanta Chari	I	II
34	Syed Mujtaba Ahmed	II	I
35	Ratan Lal	III	III
36	Balbir Pershad	II	I

FACULTY OF MEDICINE.

M.B.,B.S. First Professional Examination, 1347 F. (1938).

Osmania Medical College.

Roll No.	Name		Class	Remarks
1	Abdul Kalam Siddiqi	...	I	
2	Syed Ahmed	...	II	
3	Mohd. Ijaz Wali Khan	...	II	
4	Miss Stella Butt	...	II	
5	Mohd. Tajamul Ali Khan	...	II	
7	Ram Kishen Rao Deshpanday	...	II	
8	K. Ram Rao	...	II	
10	Bhaman Sorabji Surthi	...	II	
11	Mirza Shujat Ali Baigh	...	II	
12	Shanker Rao	...	II	
13	Syed Abdul Qadeer	...	II	
18	Kishen Narayan Waghrai	...	II	
19	Kishen Rao Prohit	...	II	
21	Mohd. Kalimullah Khan	...	II	
22	Qazi Wahiduddin	...	II	
24	V. Gopal Rao	...	II	
25	Lathifuddin Ahmed	...	II	
26	Md. Naimuddin Khan Subhani	...	III	
28	Narsiwham Reddy	...	III	
30	Venkob Rao Kodhri Murti	...	III	
31	Harichand	...	III	
32	G. Hanmanth Rao	...	III	
33	M. Chinna Reddy	...	II	

M.B.,B.S. First Professional Examination, 1348 F. (1939).

2	Syed Ashfaq Hasan Razvi	..	II
3	Mir Ahmed Ali	..	II
4	Amrath Narayan	..	II
5	Bal Sitaram Kulkerni	..	II
8	P. Devraj Naidu	..	II
9	J. V. Daisni	..	II
11	Bai Brijnath Bhargo	..	I
12	M. Ranga Reddy	..	I
14	M. Shivram Reddy	..	II
15	Ahmed Abdul Razaq	..	II
20	Md. Ghiasuddin Faruqi	..	II
24	Syed Karimullah	..	II
26	T. A. Malliah	..	I
28	Narsimha Rao	..	II
29	Md. Wojhuddin	..	II
30	B. Venkat Reddy	..	II
33	Heera Lal	..	II
34	Syed Yawar Abbas Razvi	..	II

M.B.,B.S. First Professional Supplimentary Examination, 1348 F. (1939).

1	Abdul Rahman Khan	..	II
3	Fakhruddin Hasan Faruqi	..	II
4	Syed Iftakhar Ahmed	..	II
7	Syed Fazlullah	..	II
10	Syed Azizuddin Ali	..	II
11	Tajuddin Ahmed Mirza	..	II

M.B.,B.S. First Professional Examination, 1349 F. (1940).

2	P. Padma Reddy	..	I
29	N. R. Venkatswamy	..	I
27	Vasant Rao Kayarker	..	II
14	Syed Abdul Hafeez Haqqani	..	II

Roll No.	Name	Class	Remarks
9	Sanjev Rao Kachey	..	II
5	Raj Bahadur Gour	..	II
19	Kishen Rao	..	II
7	Syed Sarfraz Khan	..	II
22	Maqbool Ahmed Ansari	..	II
11	Mohd. Abdul Samad Qureshi	..	II
18	Kamla Kanth Rao Deshpande	..	II
4	Syed Rasheed Ahmed Chishti	..	II
13	Mohd. Abdul Mughni	..	II
15	Syed Abbas Hasan	..	II
28	S. Venkat Reddy	..	II
25	V. Narsing Das	..	II
31	Syed Yusuf	..	II
20	Gopal Rao Jogaiker	..	II

M.B.,B.S. First Professional Supplimentary Examination, 1350 F. (1941).

10	Mohd. Muniruddin	..	II
3	Baghopath Partab Mather	..	II
6	Fida Ali Qayyumi	..	II
8	Syed Masarrat Husain	..	II
2	Mohd. Habibuddin	..	II
12	Mohd. Yawar Ali	..	II

M.B.,B.S. First Professional Examination, 1350 F. (1941).

16	Syed Nasir Husain	..	II
13	Purshutham Rao Nandapurkar	..	II
17	Syed Ziaul Haq	..	II
22	Mohd. Abdus Subhan Khan	..	II.

28	Mir Mahmood Ali	...	II
15	Mohd. Abdus Salam	...	II
35	Syed Madhi Hasan Jaffari	...	II
18	Mohammad Osman	...	II
2	Mohd. Azharul Haq	...	II
23	Mohd. Rahmathullah	...	II
12	R. Shiv Palkishen	...	II
3	Mohd. Asaf Shah Khan	...	II
33	Syed Kazim Rasool	...	II
8	Mahpath Rai Srivastava	...	II
30	Mohd. Abdul Qadir Khan	...	II
4	P. Inder Sina Reddy	...	II
31	Mohd. Bashir Husain	...	II
24	Syed Wahid uz Zaman Ali	...	II

M.B.,B.S. First Professional Supplementary Examination, 1351 F. (1941).

6	Syed Muzaffar Hasan	...	II
16	Mohd. Khalilur Rahman Khan	...	II
7	Mirza Hamid Ali Baigh	...	II
14	Mohd. Abdul Rahman Siddiqi	...	II
3	Mohd. Abdul Ghaffar	...	II
9	Mohd. Abdul Khaliq	...	II
13	Mohd. Shoukathullah	...	II

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION, 1347 F. (1938).

Roll No.	Name	Class	Remarks
5	Aziz Husain	I	
6	Mohd. Amjad Ali	II	
7	Mohd. Shafeeuddin Khan	II	
8	Mohd. Budruddin	II	
9	Khairunnisa Begam	II	
11	Miss Raimuka Chattopadhai	II	
12	Mohd. Imamuddin	II	
13	Mohd. Saadat Ali Khan	II	
14	N. Govind Raj	II	
15	Syed Mohd Hasan	II	
17	J. Wishwanath Rao	II	
21	Mir Mohd. Ali	II	

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION, 1348 F. (1939).

Roll No.	Name	Class	Remarks
1	Abul Kalam Siddiqi	II	
4	Mohd. Iqbal Ahmed Siddiqi	II	
8	M. Chinna Reddy	II	
10	Ram Kishen Rao Deshpandai	II	
12	Bhaman Sorabji Surthi	II	
13	Mirza Shujat Ali Baigh	II	
14	Shanker Rao	II	
15	Syed Ghousuddin	II	
16	Syed Abdul Qadeer	II	
17	Mohd. Kalimullah Khan	II	
19	Kishen Rao Prohit	II	
20	Kishen Rao Manwiker	II	
21	V. Gopal Rao	II	

23	Miss Metalda Butt	...	II
24	Mohd. Naimuddin Khan Subhani	...	II
25	Narsimhan Reddy	...	II
26	Qazi Wahiduddin Ahmed	...	II
28	Vital Rao Sheshgir Rao Joshi	...	II
29	G. Hanmanth Rao	...	II
31	Mohd. Yusuf Siddiqi	...	II
32	Mohd. Yusufuddin	...	II

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION 1349 F. (1940)

50	G. Subba Rao	...	II
65	Hari Chand	...	II
35	Mir Ahmed Ali	...	II
49	Sardar Khan	...	II
47	M. Ranga Reddy	...	II
54	Syed Azizuddin Ali	...	II
59	Kishan Narayan Vaghrai	...	II
64	Hira Lal	...	II
33	Syed Ahmed	...	II
60	T. A. Malliah	...	II
41	Brijnath Bhargo	...	II
42	Mohd. Tajamul Ali Khan Faruqi	...	II
37	Mohd. Ijaz Wali Khan	...	II
46	K. Ram Rao	...	II
36	Syed Ashfaq Hasan Bezvi	...	II
55	Mohd. Ghiasuddin Faruqi	...	II
66	Syed Yawar Abbas Razvi	...	II
45	J. V. Desai	...	II

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION, 1350 F. (1941).

| 41 | Bal Sitaram Kulkarni | ... | II |
| 52 | Raj Bahadur Gour | ... | II |

Roll No.	Name	Class	Remarks
56	Syed Fazlullah	II	
38	Syed Ifthakhar Ahmed	II	
48	N. R. Venkatswamy	II	
60	Syed Basheed Ahmed Chishti	II	
37	Ahmed Abdul Razaq	II	
45	M. Shiv Ram Reddy	II	
59	Abdul Rahman Khan	II	
68	Wasant Rao Kayarker	II	
57	Mohd. Abdul Samad Qureshi	II	
42	Tajuddin Ahmed Mirza	II	
61	Syed Abdul Hafiz Haqqani	II	
39	Amrath Narayan	II	
46	Sanjev Rao Kachai	II	
47	B. Venkat Reddy	II	
67	Syed Yusuf	II	
51	Kishen Rao	II	
50	Kamla Kanth Rao Deshpandai	II	
64	Syed Sarfraz Khan	II	
44	Maqbool Ahmed Ansari	II	
55	Mohd. Wajahuddin	II	
63	Fakhruddin Hasan Faruqi	II	
66	Syed Karimullah	II	
62	P. Devraj Naidu	II	
49	Venkob Rao Kudri Moti	II	
43	P. B. Jagh Mohan	II	

M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION, 1347 F. (1938).

Roll No.	Name	Class	Remarks
1	D. T. Bhosñanum	II	
2	G. P. Rammiah	II	
3	Quazi Rasheed Ahmed	I	
4	Mohd. Samiullah	II	
5	Mohd. Samiullah Khan	II	
6	Ghulam Mohd. Shafee Khan	II	
7	Qazi Mohd. Abdul Bari	I	
8	Abdus Salim Khan	II	
9	Mohd. Abdul Azim Khan	II	
11	Liaquat Ali Khan	II	
12	Moinuddin Husain	II	
13	T. Narayan Reddy	II	

M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION, 1348 F. (1939).

Roll No.	Name	Class	Remarks
1	Mohd. Amjad Ali	II	
2	Mohd. Imamuddin	II	
3	Mohd. Budruddin	II	
5	Khairunisa Begam	II	
6	Miss Rainuka Das Chattopadhia	I	
8	Mohd. Shafuddin Khan	I	
9	Mohd. Abdul Quyyam	II	
11	N. Govind Raj	II	
12	Mir Mohd. Ali	II	
13	J. Wishwanath Rai	II	

M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION, 1349 F. (1940).

Roll No.	Name	Class	Remarks
1	Abulkalam Siddiqi	I	
7	Mirza Shujaat Ali Baig	I	

Roll No.	Name	Class	Remarks
21	G. Hanmanth Rao	I	
22	Mohd. Yusuf Siddiqi	I	
15	V. Gopal Rao	II	
10	Aziz Hasan	II	
4	M. Chinna Reddy	II	
17	Mohd. Naimuddin Khan Subhani	II	
6	Mohd. Saidath Ali Khan	II	
3	Bhaman Sorabji Surthi	II	
11	Syed Ghousuddin	II	
5	Ram Kishen Rao Deshpandi	II	
2	Mohd. Iqbal Ahmad Siddiqi	II	
12	Mohd. Kalimullah Khan	II	
16	Syed Mohd. Hasan	II	
24	Miss M. Butt	II	
19	Qurashi Wahiduddin Ahmed	II	
14	Kishen Rao Prohitt	II	
23	Mohd. Yusuffuddin	II	
20	Vithal Rao Joshi	II	
9	Syed Abdul Quadir	II	

M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION, 1350 F. (1940).

Roll No.	Name	Class	Remarks
26	Mohammad Ghiasuddin Farooqui	I	
24	Shanker Rao	I	
29	Narsihwan Reddy	II	
31	Hiralal	II	
21	M. Banga Reddy	II	
13	Ashfaq Hosain Razuri	II	
16	Mir Ahmad A li	II	
17	Brij Nath Bhargav	II	

22	Sardar Khan		II
20	K. Ram Rao		III
15	Syed Ahmad		III
14	Mohammad Ejaz Wali Khan		II
25	Syed Azeezuddin Ali		III
33	Syed Yawar Abbas Razvi		III
32	Hari Chand		II
28	Kishan Rao Manviker		

M.B.B.S. (Third Professional) Supplimentary Examination, 1350 F. (1941).

73	G. Subba Rao		I
75	T. A. Malliah		II
71	J. V. Daisai		III
72	Mohd. Tajamul Ali Khan Faruqi		III
74	Kishen Narayan Waghre		II

M. B. B. S. (Fourth Professional or Final) Examination, 1347 F. (1938).

Roll No.	Name	Class	Remarks
1	Syed Akhtar Husain	II	
2	Hamid Sherfuddin	II	
3	Syed Abdul Latif	II	
4	Mohd. Nurul Islam Khan	II	
6	Mohd. Qasim Ali	II	
7	S. Roop Karan	II	
10	Mirza Hamidulla Beg	Completed	
12	Afif Ahmed Qureshi	do	
14	Syed Akhtar Ahmed	do	
15	Sital Singh		

M. B. B. S. (Fourth Professional or Final) Examination, 1348 F. (1939).

Roll No.	Name	Class	Remarks
1	Qazi Mohammad Abdul Bari	II	
2	D. T. Bhoshnam	II	
5	Mohd. Reziul Husain Ansari	II	
6	G. P. Ramia	II	
8	Abdul Salim Khan	II	
9	Mohd. Samiullah	II	
13	T. Narayan Reddy		
17	Mohd. Abdul Wahid Khan	Completed	

M. B. B. S. (Fourth Professional or Final) Examination, 1349 F. (1940).

Roll No.	Name	Class	Remarks
67	Mohd. Amjad Ali	II	
69	Mohd. Budruddin	II	
70	Khairunisa Begam	II	
71	Kazi Basheed Ahmad	Completed	

73	Miss Renuka Chatupadia	..	II
74	Mohd. Saminlla Khan	..	II
75	Mohd. Shafiuddin Khan	..	II
79	Kazi Syed Abdul Rasheed	..	Completed
81	Mohd. Liaqat Ali Khan	..	do
83	Moinuddin Husain	..	II
84	J. Vishunath Rai	..	II

M. B. B. S. (FOURTH PROFESSIONAL OR FINAL) EXAMINATION, 1350 F. (1941),

76	Abul Kalam Siddiqi	..	II
79	Aziz Husain	..	II
80	Mohd. Saadat Ali Khan	..	II
81	V. Gopal Rao	..	II
82	Miss M. Butt	..	II
83	Mohd. Yousuf Siddiqi	..	II
84	Mohd. Naimuddin Khan Subhani	..	II
88	Bahman Suhrabji Surti	..	II
89	Krishna Rao Prohit	..	II
90	Mohd. Kalimullah Khan	..	II
92	M. Chimta Reddy	..	II
93	G. Hanmanth Rao	..	II
94	Ghulam Mohd. Shafi Khan Abul Olai	..	II
96	Mirza Shujaat Ali Beg	..	II
98	Mohd. Imamuddin	..	Completed
99	Syed Rashiduddin Husaini	..	do
100	Mohd. Abdul Azim Khan	..	do
103	Mir Mohd. Ali	..	do

FACULTY OF LAW

LL. B. PREVIOUS EXAMINATION, 1347 F. (1938).

Roll No.	Name	Class	College	Remarks
1	Eshwant Rao Tulnikar	II	Osmania University	
2	Thrimbak Rao Deshmukh	I	do	
3	Bai Narayan Pershad Bhargo	I	do	
4	P. Manikal Whagrey	II	do	
5	P. S. Patel	I	do	
7	Sar Deshpandia Das Rao	I	do	
10	Dhattathri Madho Rao Deshmukh	II	do	
11	Mohd. Riazuddin	I	do	
12	Syed Zahoor Hyder	I	do	
13	Syed Mohd. Riazul Hasan Hashimi	II	do	
14	Syed Mohd. Yacoob	I	do	
16	K. A. Reddy	I	do	
17	A. Shanker Reddy	III	do	
18	Govind Rao Deshpande Mominabadker	II	do	
19	V. Raghwa Rao	I	do	
20	Kumraj Ganpath Rao	I	do	
21	Ramchander Rao Sheshgir	I	do	
22	Srinawas Rao	II	do	
23	Shaik Lal	I	do	
24	Puljal Venket Rao Nershiwan Rao	II	do	
30	Mohd. Abdul Wahab Khan	II	do	
39	Madho Rao Nandedker	II	do	
40	M. Venketshewar Rao	II	do	
42	Syed Mohd. Raza Razvi	II	do	
44	Mohsin Ali	II	do	
45	D. Venkateshwar Rao	II	Ex-student Osmania University	
48	Bindbasni Pershad Mathor	II		

51	Rajeshwar Rao Deshpande	...	II	do
53	Ramchander Rao Joshi	...	II	do
54	K, Umapathi Rao	...	II	do
55	Y. Veropa Keshappa	...	1	do
57	Mohd. Ilyas	...	II	do
60	Shankerji	...	II	do
62	B. Gopal Malashm	...	II	do
63	Syed Mohd. Sheyatali Abbasi	...	II	do
69	Dhattatri Rao Takelker	...	II	do
72	Mirza Raza Ali Baigh	...	II	do
75	Nersawan Rao Gamchi	...	II	do
75	Pandith Rao Gohane	...	II	do
76	Syed Ahmed Husain	...	II	do
78	Lakshmi Narayan Acharia	...	II	do

934

L.L. B. FINAL EXAMINATION, 1347 F. (1938).

Roll No.	Name	Class	College	Remarks
79	Appa Rao	II	Osmania University	Cancelled
80	Syed Mohammad Abbas	I—	do	
81	Syed Ishaq	II	do	
82	Mohd. Karam Ali Khan	I—	do	
83	Mohd. Abul Qasim Kamil	II	do	
85	G. Malla Reddy	II	do	
86	Mohd. Mazharuddin Ahmed Ansari	II	do	
88	Mohd. Badruddin Husain	II	do	
89	C. Merher Rao	II	do	
90	Mohd. Junaid Ahmed	II	do	
91	Syed Moinuddin Shahbaz	II	do	
93	Mohd. Moulana	II	do	
95	Ramchander Rao Deshponde Perleker	II	do	
96	Mohd. Vakil Ahmed Farooqi	II	do	
97	Mohd. Abdul Jabbar	II	do	
98	K. V. Ramchandera Reddy	II	do	
99	Das Rao Ram Rao Bokil	II	do	
101	H. Rajutippa Patel	II	Ex-student Osmania University	
104	Syed Abdul Halim	II	do	
106	Syed Ghulam Ahmed Husaini Razvi	II		

L.L. B. FINAL EXAMINATION, 1348 F. (1939).

81	Ghulam Ahmed	I	Osmania University	
82	Syed Ahmed Husaini	II	do	
84	Baud Bashi Pershad Mather	II	do	
85	Pandit Rao Gohaney	II	do	
86	Mirza Raza Ali Beg	I	do	

No.	Name	Class	Institution
87	Syed Mohammad Raza Rezvi	II	do
88	Mohammad Riazuddin	I	do
89	Syed Mohd. Riazul Hasan Hashmi	I	do
90	Rajeshver Rao Deshponde	II	do
91	V. Ragho Rao	I	do
92	Rai Narayan Rao Bhargo	II	do
93	Syed Mohd. Shujaat Ali Abbasi	II	do
94	Shankerjee	II	do
95	Shaik Lal Patel	II	do
96	Mohsin Ali	II	do
97	B. Manik Lal Waghre	II	do
98	Mohd. Abdul Wahab Khan	I	do
99	D. Venketeshver Rao	II	do
100	Pulchal Venketram Nersinva Rao	II	do
101	Syed Mohd. Yaqoob	II	Ex-student Osmania University
102	Annajee Gohane	I	do
103	Bal Bhim Rao Jakatay	II	do
105	Satnarayan Rao	I	do
106	Venkat Rao Jadhu	II	do
107	Mohd. Yunus Salim	I	do
108	M. Sri Rang Rao	II	do

L.L. B. FINAL EXAMINATION, 1349 F. (1940).

No.	Name	Class	Institution
102	Datatray Rao Atoliker	II	Osmania University
103	Sree Nawas Rao	I	do
104	Sirdeshponde Das Rao	I	do
105	Rasheed Siddiqi Hussain	II	do
106	Syed Raza Husain Razavi	II	do
108	Bangmath Rao Kuddam	II	do
111	A. Shanker Reddy	I	do
112	Mir Zamin Ali	II	do
113	Mohd. Abdul Kader Ambery	II	do

Roll No.	Name	Class	College	Remarks
114	Shaik Abdul Rahman	II	Osmania University	
115	M. A. Rasheed	I	do	
116	Mohd. Abdul Khaliq	I	do	
117	Mohd. Ghous Mohiuddin	II	do	
118	Mohd. Fasihuddin Ahmed	II	do	
119	Mirza Kasim Beg	II	do	
120	Kazi Kabeer Ahmed	II	do	
121	Kamer Raj Gunpat Rao	I	do	
122	Gunday Rao	I	do	
123	Shaik Mahboob Ali	II	do	
124	Mohd. Murtza Ali Khan Naghkar	II	do	
125	Mohd. Naser Ali	II	do	
126	Mir Mahboob Ali	II	do	
127	Mustanser Ali	II	do	
128	Syed Vajid Ali Khan	II	do	
130	B. Venket Nerhari	II	do	
131	D. Venketeshver Loo	II	do	
132	Hibatullah	II	Ex-student Osmania University	
134	Trimbak Rao Desmukh	II	do	
135	Bhagvan Rao Venketesh Rao Deshmukh	II	do	
137	M. Venketeshver Rao	II		

L.L. B. FINAL EXAMINATION, 1350 F. (1941).

Roll No.	Name	Class	College	Remarks
90	Mohd. Asadullah Said	II	Osmania University	
91	Ahmed Shamsul Haq Haqqani	II	do	
92	Eranna Patel	I	do	
94	Abul Khair Siddiqi	I	do	
95	Syed Amjad Ali Khan	II	do	
96	Bhogender Rao Deshponde	II	do	

102	Hari Her Rao Deshponde Shiwalkar	II	Osmania University
104	Muneer Chand	II	do
107	Mohd. Abdul Razzak Khan	II	do
108	T. Girdher Chari	II	do
111	Ghulam Mahboob Khan	II	do
112	Digamber Rao Natorker	II	do
113	Mohd. Muzammil Siddiqi	II	do
114	Rai Jaswant Rai Asthana.	II	do
115	Mohd. Mustafa Ali	II	do
116	M. Ramna Reddy	I	do
117	Vahidullah Khan	II	do
118	Besappa Mandge	I	do
125	Syed Abdul Vajid Razvi	II	do
126	N. Bhuj Raj Nias N. Bhojiah	II	do
127	Mohd. Qasim Qureshi	II	do
128	Suraj Narayan Sanghi	I	do
131	Mohd. Abdul Ali	VI	do
133	Mohd. Abdul Hamid Osmani	II	do
134	Govind Rao Chodaveker	II	do
135	Syed Vazir Ali	II	do
137	Mohd. Abdul Hakim	II	do
138	Sita Ram Rao Yarkiker	II	do
140	Jagannath Rao Chanderki	II	do
141	Syed Shah Ali Husaini	II	do
142	V. Lakshman Reddy	II	do
143	Qazi Mohd. Asaduddin Salim	II	do
145	Mohd. Salahuddin Siddiqi	II	do
147	Syed Nizamuddin Ahmed	II	do
149	Syed Azizul Hasan Naqvi	II	do
152	Mohammad Abdul Ali	II	do
153	Shaik Abdur Rahim	II	do
156	Saleh Bin Ahmed	II	do
157	Ahmed Khan	II	do

Roll No.	Name	Class	College	Remarks
160	Mohd. Habibullah Baig	II	Ex-student Osmania University	
162	Mohd. Shamsuddin Farooqi	II	do	
164	M. Ram Chander Rao	II	do	

FACULTY OF ENGINEERING

B. E. EXAMINATION, PART I. 1347 F. (1938).

Osmania Engineering College

Roll No.	Name	Class	Remarks
4	Umarathi Sirinivas Rao	II	
3	K. Ramchander Rao	II	
2	Hasan Ali Hydari	II	
1	K. Bassannah	II	
8	S. Gopalan	II	
10	Vital Rao Vitker	II	
15	M. Rangaswamy	II	
17	Husain Luthfullah	Completed	
18	Mir Wajahuddir Ali Khan	do	

B. E. EXAMINATION, PART I. 1348 F. (1939).

Roll No.	Name	Class	Remarks
2	Ali Ahmed Jamalluddin	I	
5	Mohd. Sumshuddin	II	
3	Syed Abdul Baqi	II	
7	Syed Yusufuddin	II	
9	C. E. Mudi Baoj	II	Ex-student

B. E. EXAMINATION, PART I. 1349 F. (1940).

Roll No.	Name	Class	Remarks
3	Mirza Ahmed Baigh Ghazi	I	
5	Ramchander Rao Girjay	II	
1	Bashir Ahmed Ansari	II	
10	P. Nursiah	II	
9	B. Sukka Ram	II	

Roll No.	Name	Class	Remarks
11	V. Sita Ramchander Rao	II	
15	Mohd. Abdul Rahim	II	
6	D. Gopal Reddy	II	
17	Syed Fareeduddin Ali	Completed	

B. E. EXAMINATION, PART I. 1350 F. (1941).

Roll No.	Name	Class	Remarks
5	Sirajuddin Ahmed	I	
18	B. T. Bidri Narayan	II	
13	G. K. Musliker	II	
16	Brij Mohan Bhargo	II	
19	Syed Ismail	II	
4	Mohd. Abdul Rasheed Subhani	II	
6	Mohd. Fakhruddin	II	

B. E. Examination, Part II. 1347 F. (1938).

Roll No.	Name	Class	Remarks
19	Iftekhar Ahmed	I	
30	K. Venkat Srinivas Rao	I	
22	Mohd. Dilaver Khan Mehdevi	II	
23	Bannik Lal Kaparya	II	
24	P. Sita Ram Rao	II	
28	T. V. Verdhachari	II	
41	Mohd. Mansur Ali	II	
34	B. V. Sheshadri	II	
32	C. Pullia	II	
27	Mohd. Fazlur Rahman Siddiqi	II	
26	Mohd. Tahir Husain	II	
31	Mohd. Basharat Ali	II	
36	Mohd. Abdur Bahim	II	
40	S. Krishna Rao Naidu	II	
37	Ashiq Ali	II	
39	Aziz Ahmed	II	
21	Husain Lutfullah	II	
33	Syed Hamid Ali Qadri	II	

B. E. Examination, Part II. 1348 F. (1939).

Roll No.	Name	Class	Remarks
13	Syed Zohurul Hasan	II	
11	Hasan Ali Hydari	II	
12	K. Ramchander Rao	II	
10	K. Basanna	II	
18	Mir Vajihuddin Ali Khan	II	
15	Syed Bahadur Ali	II	Ex-student

B. E. Examination, Part II. 1349 F. (1940).

Roll No.	Name	Class	Remarks
19	Ali Ahmed Jamaluddin	I	Under New Rules
18	Syed Yousufuddin	II	do
20	Mohd. Shamsuddin	II	do
21	Syed Abdul Baqi	II	do
23	Syed Fariduddin Ali	II	Under Old Rules
24	Vithal Rao Vetker	II	do
25	S. Gopalan	II	do
26	Imrati Srinivas Rao	II	do
27	M. Ranga Swami	II	do
28	Ghulam Omer	II	do
29	Mohd. Abdul Waheed Khan	II	do

B. E. Examination, Part II. 1350 F. (1941).

Roll No.	Name	Class	Remarks
22	Mirza Ahmed Baig Ghazi	II	Civil Engineering (Under New Rules)
23	Mohammed Abdur Rahim	II	do
24	D. Gopal Reddy	II	do
27	Bashir Ahmed Ansari	I	Mechanical Engineering
33	Sakha Ram Bidker	I	do
31	V. Seeta Ram Chander Rao	II	do
28	Hasan Ali Hydri	II	do
29	Ram Chander Rao Girjay	II	do
30	P. Narsiah	II	do
32	K. Basunnah	II	do

19. RECIPIENTS OF HONORARY DEGREES.

SULTAN-UL-ULUM.

Azur 1333 F.—Oct. 1923 .. His Exalted Highness the
Nizam, G.C.S.I., G.B.E. ..

LL. D.

*Aban 1334 F.—Sept. 1925 .. Nawab Imadul Mulk Bahadur,
Sayyid Husain Bilgrami,
C.S.I.

Dai 1336 F.—Dec. 1926 .. Nawab Sir Ahmad Husain
Amin Jung Bahadur, K.C.I.E.,
C.S.I., M.A., B.L.

Dai 1337 F.—Dec. 1927 .. Nawab Hydar Nawaz Jung
Bahadur, (Right Hon'ble Sir
Akbar Hydari) KT., P.C., B.A.,
LL.D., D.C.L.

Dai 1338 F.— 1928 .. Nawab Masood Jung Bahadur,
B.A. I.E.S.

Far 1347 F.—Feb. 1938 .. Maharaja Sir Kishen Pershad
Bahadur, Yamin-us-Sulta-
nath, G.C.I.E.

Isfan 1348 F.—Jan. 1939 .. General His Highness Maharaja
Adhiraj of Bikanir, G.C.S.I.,
G.C.I.E., G.C.V.O., G.B.E., K.C.B.

Dai 1350 F.—Nov. 1940 .. General His Highness Wala-
shan Prince Azam Jah Baha-
dur, Prince of Berar.

Dai 1351 F.—Nov. 1941 .. General Walashan Prince Moaz-
zam Jah Bahadur.

D. Litt.

Far 1347 F.—Feb. 1938 .. Dr. Rabindranath Tagore, KT.,
D.LITT.

Far 1347 F.—Feb. 1938 .. Dr. Sir Mohamad Iqbal, M.A.,
PH.D.

Far 1347 F.—Feb. 1938 .. Rt. Hon'ble Sir Tej Bahadur
Sapru, M.A., LL.D., K.C.S.I.,
P.C., D.C.L.

Far 1351 F.—Feb. 1942 .. The Hon'ble Nawab Mahdi Yar
Jung Bahadur, M.A. (*Oxon*).

D. Sc.

Far 1351 F.—Feb. 1942 .. Dr.Mohamad Raziuddin Siddi-
qi, M.A. (*Cantab*), PH.D. (*Le-
ipzig*).

20. GENTLEMEN WHO HAVE DELIVERED ADDRESSES AT THE UNIVERSITY CONVOCATIONS.

Name	Date
Nawab Wali-ud-Daulah Bahadur	.. 28th September 1925.
Nawab Sadar Yar Jung Bahadur	.. 4th December 1926..
Maharaja Sir Kishan Pershad Bahadur, Yamin-us-Saltanat, G.C.I.E.	.. 1st December 1927.
Nawab Sir Amin Jung Bahadur, M.A., B.L., LL.D., K.C.S.I., C.S.I.	.. 23rd March 1929.
Nawab Sir Nizamat Jung Bahadur, B.A., B.L., (*Oxon*).	.. 30th January 1930.
Nawab Mirza Yar Jung Bahadur, B.A., LL. B.	6th August 1931.
Right Hon'ble Sir Akbar Hydari, Kt. P.C. B.A., LL. D., D.C.L.	9th March 1933.
Nawab Mahdi Yar Jung Bahadur, M.A. (*Oxon.*)	.. 8th February 1934.
Dr. A. H. Mackenzie, M.A., D.Litt. C.S.I., C.I.E.	.. 4th March 1935.
Nawab Zulcadar Jung Bahadur, M.A., (*Oxon*) Bar.-at-Law.	.. 6th February 1936.
Dr. Sir Shah Mohd. Sulaiman, LL.D.	.. 9th February 1937.
Dr. C. R. Reddi, Hon. D.LITT., M.L.C.	.. 1st March 1938.
The Right Hon'ble Sir Tej Bahadur Sapru, M.A., LL.D. (*Allah*), D.LITT. (*Benares*), D.C.L. (*Oxon*), LL.D. (*Osmania*).	.. 7th March 1939.
Dewan Bahadur S. E. Runganadhan, M.A., L.T., I.E.S.	.. 2nd December 1939.
The Hon'ble Sir Maurice Gwyer, K.C.E., K.C.SI., D.C.L.	.. 19th December 1940.
Sachivothama Sir C. P. Ramaswami Aiyar, K.C.S.I., K.C.I.E., LL.D.	.. 26th February 1942.

FORMS.

21. FORMS.

(i) FORMS OF APPLICATION FOR REGISTRATION FOR EXAMINATIONS.

(1) MATRICULATION EXAMINATION.

FORM (A) *for pupil candidates.*

Name .. .. .. $\left[\begin{array}{l}\text{Urdu}\\\text{English}\end{array}\right.$

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. $\left[\begin{array}{l}\text{Urdu}\\\text{English}\end{array}\right.$

Race and Religion .. .. ..

School from which the candidate is appearing and the period of study ..

Subject or subjects in which the candidate has passed previously specifying the roll No. and the year of the Examination ..

Subjects of the Examination in which the candidate desires to be examined

Where to be examined .. .. ..

Year or years, if any, in which the candidate has appeared for the examination and the Register No. of the respective year should also be stated ..

Signature of the Candidate.

Dated..........

Certificate of the Head Master.

I hereby certify that..............is a student of the Matriculation Class of (School) ....He attended......(1) days out of.....in which the school was kept open during the current acadamical year. He has completed the prescribed course (2) he has also satisfactorily completed the prescribed course in Manual and Physical Training, (3) his character has been good and (4) the date of the Birth is.......and that his age on the 1st day of Shahrewar 134 F., will be...........

Signature of the Head Master.

948

FORM (B) *For private candidates and teachers.*

Name . . . . { Urdu / English

Date of birth and age at the time of submitting the application . .

Father's name and occupation . . . . { Urdu / English

Race and Religion . . . .

Address . . . .

School in which the candidate is employed . . . .

School in which the candidate was educated and the period of study . .

Subject or subjects, in which the candidate has passed previously specifying the roll number and the year of the Examination.

Subjects of the Examination in which the candidate desires to be examined.

Where to be examined . . . .

Year or years, if any, in which the candidate has appeared for the examination and the Register No. of the respective year should also be stated.

Signature of the Candidate.

Dated . . . .

Certificates for Private Candidates.

I hereby certify that (1) ....son of ....has passed the test examination held in this on........to test the fitness of the candidates to appear at the Matriculation Examination, (2) he was not a student of any School, recognised by the University, for six months before the commencement of the Examination, (3) his character is good and (4) the date of his birth is.........and that his age on the 1st day of Shahrewar will be............

Signature of Headmaster.

Dated................................

Certificate for the Private Candidates who had appeared previously at the Examination.

I hereby certify on the basis of my personal knowledge that .... was not a student of any school, recognised by the University, for six months before the commencement of the Examination.

Signature................................

Any Headmaster of a recognised High School, or,
a Gazetted Officer,

Dated............ ....

Certificate for Teachers.

I hereby certify that (1) ....is a whole time Teacher in ....he is fit to appear for the Matriculation and in view of his attainments he is expected to pass the Matriculation Examination, (2) his character is good and (3) his date of birth is..........and that his age on the 1st day of Shahrewar will be............

Signature of the Divisional Inspector of Schools.

Dated................................

(2) INTERMEDIATE EXAMINATION.

Name .. .. .. { Urdu
.: English

Date of birth and age at the time of submitting the application .: { Urdu
.: English

Father's name .. .. .. :

Race and Religion .. .. ..

Address .. .. ..

Matriculation Examination or its equivalent which the candidate has passed, the class in which he was placed, and the date of passing.

College or Colleges in which the candidate has studied and the time of each

Nature of Employment and Period of Service .. ..

Subject or subjects in which the candidate has passed previously with Roll No. and the year of the Examination.

Optional subjects in which the candidate desires to be examined ..

Year or years, if any, in which the candidate has appeared for the examination and the subjects in which he was examined.

Dated..................

Signature of the Candidate. .

Certificate for College Candidates.

I hereby certify that................is a student of this college. His character has been good and he has studied in this college during the period mentioned in this application. He has shown satisfactory progress in his subjects of study. The other facts are correct.

Dated................

          Signature of the Principal.

Certificate for Ex-College Candidates.

I hereby certify that................was a student of this college during the year......and has appeared at the Intermediate Examination of the year......from this college.

Dated................

          Signature of the Principal

Certificates for Teachers.

I hereby certify that................ ...

  (1) is a Nazir or Inspector of schools of................District in the service of the Educational Department of His Exalted Highness' Government

or (2) is a whole-time teacher in the School................recognised by the Educational Department

or (3) is a Laboratory Assistant in the................College

and that by the date of this application he has rendered continuous and approved service for......years ....months.

His character is good and in view of his attainments he can hope to secure a pass in the Intermediate Examination.

Dated................

          Signature................
          Divisional Inspector of Schools or
          Principal of a College.

(3) B. A. & B. Sc. EXAMINATIONS.

Name .. .. : { Urdu
{ English

Date of birth and age at the time of submitting the application .. :

Father's name and occupation .. .. : { Urdu
{ English

Race and Religion .. .. :

Address .. .. :

Intermediate Examination or its equivalent which the candidate has passed, the class in which he was placed, and the date of passing.

College or Colleges in which the candidate has studied and the time of each

Nature of Employment and Period of Service .. :

Subject or subjects in which the candidate has passed previously with Roll No. and the year of the Examination.

Subjects of the Examination in which the candidate desires to be examined.

Year or years, if any, in which the candidate has appeared for the examination and the subject in which he was examined.

Dated......................

Signature of the Candidate.

Certificate for College Candidates.

I hereby certify that................is a student of this college. His character has been good and he has studied regularly in this college during the period mentioned in this application. He has shown satisfactory progress in his subjects of study. The other facts mentioned are correct.

Signature of the Principal

Dated................

Certificate for Ex-College Candidates.

I hereby certify that................was a student of this college during the year................ and had appeared at the B. A. Examination of the year................from this college.

Signature of the Principal

Dated................

Certificate for Private Candidates.

I hereby certify that................
(1) is a Nazir or Inspector of schools of................District in the service of the Educational Department of His Exalted Highness' Government

or (2) is a whole-time teacher in the School................recognised by the Educational Department

or (3) is a Laboratory Assistant in the................College and that by the date of this application he has rendered continuous and approved service for................years ....months.

His character is good and in view of his attainments he can hope to secure a pass in the B. A. Examination.

Signature................
Divisional Inspector of Schools or
Principal of a College.

Dated................

(4) M. A. Examination.

Name .. .. .. { Urdu / English

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. .. { Urdu / English

Race and Religion .. ..

Address .. ..

B. A. Examination or its equivalent in which the candidate has passed, the class in which he was placed, the date of passing with Roll No. and the class in which he was placed. ..

College at which the candidate has studied and time of study ..

Subject of Examination .. ..

Year or years, if any, in which the candidate has appeared for the examination (the Register No. of the respective year should be stated) ..

Signature of the Candidate.

Dated.............................

Certificate for College Candidates.

I hereby certify that..................is a student of this college. His character has been good and he has studied regularly in this college for the period prescribed under the Rules, and is eligible for admission to the Examination. The facts mentioned in the application are correct.

Signature of the Principal

Dated..................

Certificate for Ex-College Candidates.

I hereby certify that.................. was a student of this College during the year .... and had appeared at the M. A. Examination of the year...... from this college. His character has been satisfactory and the facts mentioned in the application are correct. In view of his attainments he can hope to secure a pass in the Examination.

Signature of the Principal.

Dated..................

M. Sc. Examination.

Name .. .. .. ⟨ Urdu
English

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. ⟨ Urdu
English

Race and Religion .. ..

Address .. ..

B. A. or B. Sc. Examinations or its equivalent examination Examination Date of Passing
in which the candidate has passed, date of passing and
the class in which he was placed .. ..

Subject of Examination .. .. ..

Year or years, in which the candidate has appeared for the examination with
Roll No. .. .. ..

Dated.....................

Signature of the Candidate.

Certificate for College Candidates.

I hereby certify that..................is a student of this college. His character has been satisfactory and he has prosecuted a regular course of study in this college for the period prescribed under the Rules, and is eligible for admission to Examination. The facts mentioned in the application are correct.

Signature of the Principal

Dated................

Certificate for Ex-College Candidates.

I hereby certify that...................**was** a student of this college during the year....... and had appeared at the M.Sc. Examination of the year......from this college.

Signature of the Principal.

Dated................

(5) LL. B. (Previous) Examination.

Name ... ... : { Urdu
English

Date of birth and age at the time of submitting the application :

Father's name ... ... : { Urdu
English

Race and Religion ... ... :

Address ... ... :

B. A. Examination or its equivalent in which candidate has passed and the date of the passing.

College at which the candidate has studied and time of study :

Year or years, if any, in which the candidate has appeared for the examination (the Register No. of the respective year should be stated).

Signature of the Candidate.

Dated..............................

Certificate for College Candidates.

I hereby certify that...............................is a student of this college. His character has been satisfactory and he has studied regularly in this college for the period prescribed under the Rules. The facts mentioned in the application are correct.

Signature of the Professor in Law.

Signature of the Principal

Dated ....

Certificate for Ex-College Candidates.

I hereby certify that...................................was a student of the college in the year........ and had appeared at the LL.B. (Previous) Examination of the year........ from this college.

Signature of the Professor in Law.

Signature of the Principal.

Dated...............................

LL. B. (Final) Examination.

Name .. .. .. {Urdu / English}

Date of birth and age at the time of submitting the application :

Father's name .. .. {Urdu / English}

Race and Religion .. .. :

Address .. .. :

Date of passing the LL.B. Previous Examination with Roll No. and the class in which the candidate was placed.

Year or years, if any, in which the candidate has appeared for the examination (the Register No. of the respective year should be stated) ..

Signature of the Candidate

Dated.........................

Certificates for College Candidates.

I hereby certify that.............. is a student of this college. His character has been satisfactory and he has studied regularly in this college for the period prescribed under the Rules. The facts mentioned in the application are correct.

Signature of the Professor in Law.

Signature of the Principal

Dated...................

Certificate for Ex-College Candidates.

I hereby certify that...........................was a student of this college in the year........ and had appeared at the LL.B. (Final) Examination of tthe year........ from this College.

Signature of the Professor in Law.

Signature of the Principal.

Dated...................

(6) M. B. B. S. (FIRST PROFESSIONAL) EXAMINATION.

Name .. .. .. $\left[\begin{array}{l}\text{Urdu}\\\text{English}\end{array}\right.$

Date of birth and age at the time of submitting the application

Father's name and occupation .. $\left[\begin{array}{l}\text{Urdu}\\\text{English}\end{array}\right.$

Race and Religion .. .. ..

Address .. ..

Intermediate Examination or its equivalent, which the candidate has passed,
date of passing and the optional subjects taken ..

Year or years if any in which the candidate has appeared for the Examination

Signature of the Candidate.

Dated............

Certificate.

I hereby certify that..............is a student of this College. His character has been satis-
factory and the facts mentioned in the application are correct. He has been a regular student of the
College during the period of two years from........to..........and is eligible to appear at the Examina-
tion. The required certificates are herewith attached.

Signature of the Principal, Medical College.

Dated............

M. B. B. S. (SECOND PROFESSIONAL) EXAMINATION.

Name .. .. .. ⎰ Urdu ⎱ English

Date of birth and age at the time of submitting the application .

Father's name .. .. ⎰ Urdu ⎱ English

Race and Religion .. ..

Address . .. ..

Whether the candidate passed the First Professional Examination. Date of passing with Roll No. and the class in which he was placed.

Year or years if any in which the candidate has appeared for the Examination

Signature of the Candidate.

Dated.......................

Certificate.

I hereby certify that......................is a student of this college. His character has been satisfactory and the facts mentioned in the application are correct. He has been a regular student of the college for one academical year with effect (from....................to...........) after passing the First Professional Examination and is eligible to appear at the Examination: the required certificates are herewith attached.

Signature of the Principal, Medical College

Dated.......................

M. B. B. S. (THIRD PROFESSIONAL) EXAMINATION.

Name .. .. .. :· { Urdu / English

Date of birth and age at the time of submitting the application .. :

Father's name .. . .. :· { Urdu / English

Race and Religion .. .. ·:

Address .. .. ·

Whether the candidate passed the Second Professional Examination Date of passing with Roll No. and the class in which he was placed.

Year or years if any in which the candidate has appeared for the Examination

Signature of the Candidate.

Certificate.

Dated................

I hereby certify that.............. is a student of this college. His character has been satisfactory and the facts mentioned in the application are correct. He has been a regular student of the college for one academical year (from........... to...........) after passing the Second Professional Examination and is eligible to appear at the Examination. The required certificates are herewith attached.

Signature of the Principal, Medical College.

Dated................

(7) B. E. (Part I) Examination.

Name .. .. { Urdu / English

Date of birth and age at the time of submitting the application .. { Urdu / English

Father's name and occupation .. .. ..

Race and Religion .. . .

Address .. .. ..

Intermediate Examination or its equivalent, which the candidate has passed, date of passing and the optional subjects taken .. ..

Year or years if any in which the candidate has appeared for the Examination

Dated..........................

Signature of the Candidate.

Certificate.

I hereby certify that.................... is a student of this college. His character has been satisfactory and the facts mentioned in the application are correct. He has been a regular student of the college during ....and is eligible to appear at the Examination. The certificate of attendance is herewith attached.

Signature of the Principal, Engineering College.

Dated.........................

B. E. (Part II) Examination.

Name .. .. :

Date of birth and age at the time of submitting the application

Father's name and occupation .. :

{ Urdu
  English

{ Urdu
  English

Race and Religion .. .. :

Address .. .. :

Whether the candidate has passed the B.E. (Part I) Examination, date of
passing and the optional subjects taken .. ::

Year or years if any in which the candidate has appeared for the Examination

Signature of the Candidate.

Dated.................

Certificate.

I hereby certify that................. is a student of this college. His character has been satisfactory and the facts mentioned in the application are correct. He has been a regular student of the college during ....after passing his B. E. (Part I) Examination, and is eligible to appear at the Examination. The certificate of attendance is herewith attached.

Signature of the Principal, Engineering College.

Dated........

(8) DIPLOMA IN EDUCATION EXAMINATION

Name .. .. .. { Urdu / English }

Date of birth and age at the time of submitting the application ..

Father's name and occupation .. .. { Urdu / English }

Race and Religion .. ..

Address .. ..

B. A. Examination or its equivalent in which candidate Examination with the name of |Date of Passing has passed, date of passing the Examination .| University ..

Subjects (Optional and Special) .. ..

Year or years, if any in which the candidate has appeared for the Examination, with Roll No.

Signature of the Candidate.

Dated........................

Certificate.

I hereby certify that.................. is a student of this college. His character has been satisfactory and that the facts mentioned in the application are correct. He has prosecuted a regular course of study in the college for the prescribed period (from...... to ....) and that he is eligible to appear at the Examination.

Principal, Osmania Training College.

Dated........................

(9) M.Ed. Examination.

Name .. .. :. [Urdu
                  English

Date of birth and age at the time of submitting the application .

Father's name and occupation .. .. . [Urdu
                                           English

Race and Religion .: .. ..

Address .. .. ..

Dip. Ed. Examination or its equivalent in | Examination with the name of | The class in which he was placed. | Date of Passing.
which candidate has passed, with date | the University
of passing the Examination.

Subjects (Optional and Special). Subject of the Thesis.

Year or years, if any, in which the candidate has appeared for the examination with Roll No.

Dated............

Signature of the Candidate.

Certificate.

I hereby certify that................is a student of this college. His character has been satisfactory and the facts mentioned in the application are correct. He has prosecuted a regular course of study in this college from....... to........., and is eligible for admission to the Examination.

Signature......................

Principal, Osmania Training College.

Dated.........: ....

(ii) FORMS OF ATTENDANCE CERTIFICATES.

(a) INTERMEDIATE EXAMINATION.

Certificate of attendance of............in the Osmania University College during the years........

Subjects	No. of lectures delivered in the College	No. of Lectures attended	Percentage of attendance	Remarks
English	:			
Optionals	:			
(a)	:			
(b)	:			
(c)	:			
Theology of Morals	:			

I certify that............has attended and satisfactorily completed the course of studies in Physics.

Professor,

Dated............................

I certify that.........has attended and satisfactorily completed the course of studies in Chemistry.

Professor.

Dated..........................

I certify that.............has attended and satisfactorily completed the course of studies in Biology. or Geology.

Professor.

Dated..........................

I certify that............ has studied in this college for two years with the object of appearing for the Intermediate Examination (Faculty of Arts).. His conduct, progress and physical training has been satisfactory and he has completed the course of studies prescribed for the Intermediate Examination.

Principal.

Dated ....

N.B.—If the candidate has not taken up Physics, Chemistry, Geology or Biology as optional subjects, this portion must be struck off.

(b) B. A. OR B. SC. EXAMINATION.

Certificate of attendence of.............is the Osmania University College during the year...........

Subjects	No. of lectures delivered in the College	No. of lectures attended	Percentage of Attendance	Remarks
English :				
Optionals :				
Theology or Morals :				
Games or Physical Training :				

I certify that............ has written........essays in English during the course of two academic years.

Dated........................

Professor.

I certify that............ has written........essays on the subject of History during the two academic years.

Dated........................

Professor.

I certify that………… has written………essays on the subject of Economics during the two academic years.

Dated…………………

Professor.

I certify that……………. has attended the Practical classes in………… and has satisfactorily completed the course prescribed.

Dated………………

Professor.

I certify that……………… has studied in the college for two years with the object of appearing for the B.A. or B.Sc. Examination. His conduct, progress and physical training has been satisfactory and he has completed the course of studies prescribed for the Examination.

Dated ………… …… ……

Provost.

N.B.—If the candidate has not taken up Physics, Chemistry or Biology as optional subject, this portion must be struck off.

(c) M.A. or M.Sc. Examination (Previous and Final).

This is to certify that...............has prosecuted a regular course of study in the Osmania University College for..............academic years (with effect from............13..........to.............13   Fasli).

He has attended...........lectures out of'..........lectures in...............(subject) given in the College during the said period.

Principal.

Dated.......................

This is to certify that the Candidate has attended the Practical classes in............... and has satisfactorily completed the course prescribed.

Professor.

Dotcd.. ....

M.A. Examination.

This is to certify that................... has prosecuted a regular course of study in the Osmania University College for........... academic years. (with effect from.........13   to.........13   Fasli).

He has attended...... lectures out of...... lectures in .... (subject) given in the college during the said period.

Principal.

Dated......................

(d) LL.B. (PREVIOUS OR FINAL) EXAMINATIONS.

This is to certify that..........has prosecuted a regular course of study in the Osmania University

College for...........academic years (with effect from............13   to............13   Fusli).

He has attended...........lectures out of......lectures given in the College during the said period.

Dated........................

Principal

(e) M. B. B. S. First Professional Examination.

This is to certify that..........has prosecuted a regular course of study in Anatomy (including Embryology) of.........lectures extending over two long and short terms from 13   F. with demonstrations and dissections of the whole human body.

Professor of Anatomy.

Dated..................

This is to certify that...........has prosecuted a regular course of study in Physiology of...........lectures extending over two long terms from 13   F. to 13   F.

Professor of Physiology.

Dated.......... ....

This is to certify that............has attended in 13   F. a course in Practical Histology of........ meetings of two hours each extending over two short terms.

Professor of Practical Histology.

Dated.......... ....

This is to certify that........ .....has attended............ ....meetings of two hours each in Chemical Physiology and..........meetings of two hours each in experimental physiology.

Professor of Chemical Physiology.
Principal, Medical College.

Dated.......... ....

M. B. B. S.—SECOND PROFESSIONAL EXAMINATION.

This is to certify that............has prosecuted a regular course of study in Materia Madiea (including Therapeutics) of..... ...lectures extending over two long and short terms.

Professor of Materia Medica.

Dated..................

This is to certify that............has attended ....meetings of two hours each of Practical Pharmacy from 13   F. to 13   F.

Professor of Pharmacy.

Dated..................

This is to certify that........has attended a   course of study in Hygiene (including Practical Demonstrations) of ....lectures and instruction in Vaccination extending over one long term in 13   F..

Professor of Hygiene.

Dated..................

This is to certify that............has attended a course of study in Medical Jurisprudence of lectures extending over two long terms from......13   F. to......13   F., and has attended meetings of Post Mortem Examinations.

Professor of Medical Jurisprudence.

Dated..................

M. B. B. S. THIRD PROFESSIONAL (FINAL) EXAMINATION.

This is to certify that............has completed satisfactorily the following course of study:—

1. Two courses of Medicine of ( ) lectures each.

Signature of Professor.

2. Two courses of Clinical Medicine of ( ) lectures each.

Signature of Professor.

3. A course of Pathology of ( ) lectures each.

Signature of Professor.

4. A course of Practical Pathology of ( ) lectures each.

Signature of Professor.

5. A course of Bacteriology of ( ) lectures each.

Signature of Professor.

6. A course of Midwifery of (   ) lectures each.

Signature of Professor.

7. A course of Gynaecology and Child diseases of (   ) lectures.

Signature of Professor.

8. Two courses of Surgery of (   ) lectures each.

Signature of Professor.

9. Two courses of Clinical Surgery of (   ) lectures each.

Signature of Professor.

10. A course of Operative Surgery of (   ) meetings of two hours each.

Signature of Professor.

11. A course of Applied Anatomy (Medical and Surgical) or (   ) meetings of two hours each.

Signature of Professor.

12. 30 lectures of Opthalmology (with Clinical Instructions).

Signature of Professor.

(f) B. E. Examinations.

Part I and Part II Examinations.

This is to certify that............has prosecuted a regular course of study in the Engineering College during the year 13   F. to 13   F., after passing the............Examination, and out of............lectures delivered at the College has attended............lectures.

Principal, Engineering College.

Dated............

(g) Diploma in Education Examination.

This is to certify that............has prosecuted a regular course of study in the Osmania Training College after passing his B. A. Examination (with effect from............13............to............

He has attended............lectures out of............lectures given on different subject in the College, which amounts to. ....per cent.

He has completed the prescribed Practical course and a course of additional subjects, in which no examination is held.

Dated...................

Principal, Training College.

(h) M.Ed. Examination.

This is to certify that.............. has prosecuted a regular course of study in the Osmania Training College for............ academic year (with effect from............ 13   to............ 13   Fasli), after passing in the........ Examination.

He has attended........ lectures out of........lectures given different subjects in the College, which amounts to....... per cent.

He has completed the prescribed Practical course and a course of additional subjects in which no examination is held.

Dated..................

Principal, Training College.

(iii) FORM OF APPLICATION FOR REGISTRATION OF GRADUATES.

Name in full as entered in the Diploma ..   ..   ..

Father's name ..   ..   ..

Degree or degrees taken ..   ..   .   Year or years of Convocation at which the Degree or Degrees were taken.

Present occupation ..   ..   ..

Permanent postal address .   ..   ..

Whether he elects to pay an annual fee or a composition fee   ..

Signature......................

(iv) FORMS OF AGREEMENT AND SECURITY BONDS FOR UNIVERSITY LOAN FUNE.

(1) *Form of Agreement.*

I..............s|o..............residing in..............hereby agree that I would repay the loan of B. G. Rs..........that would be advanced to me by His Exalted Highness the Nizam's Government in various instalments as would be required by me for purposes of study in foreign countries, in monthly instalments which shall be one-fourth of my salary in........years, with interest at the rate of 4½per cent. per annum.

In the event of my failing to pay either the principal amount or the interest as stated above, I shall be held personally responsible for the amount that might remain due by me, to recover which I hereby authorise His Exalted Highness the Nizam's Government in the Osmania University to take action against me in accordance with the Public Demands Recovery Act No. 4 of 1908 Fasli. I further agree to remain in Government service till the repayment of the full amount of the loan or for 5 years (whichever period be less). In the event of my failing to abide by this condition, the Government would be entitled to re-cover the full amount with compound interest at 8 per cent. in lumpsum.

In token of my above undertaking I sign this in the presence of two witnesses.

(2) *Security Bond.*

Whereas the Government Osmania University have agreed to advance to............................ son of...........................a total loan of B. G...............in various instalments, each of which will be considered as a separate loan for the purpose of studies in foreign countries in accordance with the "University Loan Fund" rules. I...............as his surety hereby agree that the said borrower shall repay the loan in.........years by monthly instalment which shall be one-fourth of his salary with interest at the rate of 4½ per cent. per annum and in the event of the said borrower failing to repay the full amount or any part of the loan with interest, I shall pay the same in full. In the event of my failing to pay the said amount, the Government in the Osmania University would be entitled to recover it in accordance with the Public Demands Recovery Act No. 4 of 1308 F. I further agree not to transfer or incumber in any way my property of the value of...............consisting of ....of which I am the sole owner till the repayment of the full amount of the loan.

LIST OF PUBLICATIONS.

II. Publications of the Translation Bureau

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
1	Terms Committee of the Bureau	Collection of Technical Terms. (English-Urdu).	..	Second, revised and enlarged edition in Press.
		INDIAN HISTORY		
2	Davids, T. W. R.	Buddhist India.	Syyid Sajjad	..
3	Hashimi, Syyid	Intermediate History of India, Vol. I.	..	
4		Imperial Gazetteer, Vol. II. History of India, Chs. VIII & IX.	Syyid Ghulam Rabbani.	..
5	Ragozin, Z. A.	Vedic India.	H. A. Ansari	..
6	Raverty, H. G.	Notes on the Tabakat-e-Nasiri	S. Hashimi, Q. T. Hussain.	Under translation.
7	Smith, V. A.	The Early History of India	Abd-al-Sattar and Syyid Ghias-al-din.	..
8	Abu Omar Osman	Tabakat-e-Nasiri	Md. Jamil-al-Rahman	Do
9	Baihaqi (Abul Fazal)	Tarikh-e-Baihaqi	Fida Ali	Do
10	Diwan Bahadur, Dr. K. S. Iyengar.	A History of the Deccan Pt. I. (Ancient Period)	Fida Ali	Under compilation.
11	Abdul Majeed Siddiqi	A History of the Deccan, Pt. II. (Mediaeval Period).	..	Do
12	Syyid Najib Ashraf	A Political History of India, Pt. II. (Mediaeval Period).	..	Do
13	Md. Mujeeb	A History of Indian Culture	..	Do
14	Beni Prasad	History of Jahangir	Abd-al-Sattar	.. Under translation.
15	Dodwell, Henry	Dupleix and Clive	Masood Ali	..

16	Fergusson, James	History of India and Eastern Architecture Vol. II. Pp. 186 to 335).	..	Under translation.
17	Griffin, Sir L.	Ranjit Singh	Syyid Hashimi	
18	Hashimi, Syyid	Intermediate History of India, Vol. II.	Nazir Hassan Faruqi	
19	Do	Intermediate History of India, Vol. III.	..	Under compilation.
20	Irvine, William	The Army of the Indian Moghuls	Ibn-e-Hasan and Abd-al-Sattar.	Under translation.
21	Keene, H. G.	Madhava Rao Sindhia (R. I. S.).	S. M. Abd-al-Salam	
22	Khujista Sultana Begum	Tarikh-i-Taimuri	..	
23	Malleson, Col. G. B.	Clive (R. I. S.)	Ibn-e-Hasan	Under translation.
24	Malleson, Col. G. B.	History of the French in India..	Abd-al-Sattar	
25	Moreland, W. H.	From Akbar to Aurangzeb: A Study in Indian Economic History.	Syyid Hashimi	
26	Moreland, W. H.	India at the Death of Akbar: An Economic Study	Md. Habeeb-al-Rahman	
27	Naseer-al-din Hyder, Mirza	The Babar Namah (Memoirs of Babar).		
28	Owen, Sidney	India on the Eve of the British Conquest: A Historical Sketch.	Syyid Hashimi	Under translation.
29	Thomas, E.	Revenue Resources of the Mughal Empire.	Abd-al-Sattar	
30	Abu-al-Fazal	Ain-e-Akbari, Vol. I, Pt. I.	Fida Ali	
31	Abu-al-Fazal	Ain-e-Akbari. Vol. I. Pt. II.	Do	
32	Abu-al-Fazal	Ain-e-Akbari. Vol. II	Do	
33	Saleh Kamboh, Mohamad	Amal-e-Saleh. Vol. I.	Do	In press.
34	Saleh Kamboh, Mohamad	Amal-e-Saleh. Vol. II.	Do	Do
35	Saleh Kamboh, Mohamad	Amal-e-Saleh. Vol. III.	Do	Do
36	Zai-al-din, Burny	Tarikh-e-Feroz Shahi	Do	Do
37	Abd-Allah	Tarikh-e-Daudi	Do	Under translation.

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
38	Shams Siraj, Afif	Tarikh-e-Feroz Shahi	Fida Ali	With Notes by Syyid Hashimi.
39	Ferishta, Md. Qasim	Gulshan-e-Ibrahimi Vol. I.	Do	
40	Do	Do do Vol. II.	Do	Do
41	Do	Do do Vol. III.	Do	Do
42	Do	Do do Vol. IV.	Do	Do
43	Mustaid Khan, Md. Saqi	Maasir-i-Alamgiri	Abu-al-Vila, Md. Zaka-riyya.	
44	Motamad Khan Bakshi, Mirza Muhammad.	Iqbal Namah-e-Jahangiri	Md. Elias Burny	
45	Anderson, G.	British Administration in India..	Abd-al-Sattar	
46	Anderson, G. & M. Subedar	The Development of an Indian Policy (1818-1858).	Do	
47	Ascoli, F. D.	Early Revenue History of Bengal and the Fifth Report (1812).		
48	Hashimi Syyid	Intermediate History of India. Vol. IV.		
49	Horne, E. A.	The Political System of British India.	Syyid Najb Ashraf Nadavi.	
50	Hunter, Sir W. W.	Dallhousie. (R. l. S.)	Syyid Md. Ahmad	
51	Hutton, W. H.	Wellesley (R. l. S.)	S. Mahmood Shawkat	
52	Lyall, Sir A.	The Rise and Expansion of British Dominion in India.	S. M. Abd-al-Salam	
53	Malcolm, Major-General Sir J.	The Political History of India Vol. I. (1784—1823)	Ibn-e-Hasan	
54	Do	The Political History of India Vol. II. (1784—1823)	Do	In Press.
55	Do	A Memoire of Central India. Vol. I.	Ibn-e-Hasan and Q. T. Hussain.	
56	Do	A Memoire of Central India. Vol. II.	Qazi Talammuz Hussain	Do

57	Marshman, J. C.	An Abridgment of the History of India: British Period.	S. Md. Abd-al-Salam	..	Under translation.
58	Seton, Karr, W. S.	Cornwallis	Abd-al-Sattar	..
59	Stephen, Sir J. F.	Nuncomar and Impey. Vol. I.	Md Hayder, Syyid Hashimi and Abd-al Sattar	..
60	Do	Do Vol. II.	Abd-al-Sattar	..
61	Trotter, Capt. L. J.	Warren Hastings (R. I. S.)	Ibn-e-Hasan	..
62	Hashimi, Syyid	Matriculation History of India (General).		..

ENGLISH HISTORY

63	Buckly, A. B.	History of England	Zafar Ali Khan & Syyid Ali Riza.	..
64	Green, J. R.	A Short History of the English People. Vol. I.	Qazi Talammuz Hussain	..
65	Do	Do Vol. II.	Do	..
66	Do	Do Vol. III.	Do	..
67	Do	Do Vol. IV.	Do	..
68	Do	Do · Vol. V. (Epilogue)	Do	..
69	Ransome, Cyril	An Advanced History of England Pt. I.	Syyid Hashimi	..
70	Do	An Advanced History of England. Pt. II.	Do	..

EUROPEAN HISTORY.

71	Fyffe, C. A.	A History of Modern Europe, Vol. I, (1792—1814)	Qazi Talammuz Hussain	..
72	Do	A History of Modern Europe, Vol. II. (1814—1848)	Qazi Talammuz Hussain & Syyid Hashimi.	..
73	Do	A History of Modern Europe, Vol. III. (1848—1878)	Syyid Hashimi	..

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
74	Gooch, G. P.	A History of Modern Europe, Vol. IV. (1878—1919).	Syyid Hashimi	
75	Grant, A. J.	History of Europe	H. A. Ansari	
76	Hassall, A.	The Balance of Power (1715—1789.)	Do	
77	Johnson, A. H.	Europe in the Sixteenth Century (1494—1598.)	Md. Rahim-al-din	
78	Phillips, W. A.	Modern Europe, (1815-1899.)	Rashid Ahmad Siddiqi.	
79	Stephens, H. M.	Revolutionary Europe (1789—1815.)	Hasan Abid Jafari	
80	Thatcher, O. J. and F. Schwill	A General History of Europe, Part I.	Abd-al-Majid Hydar Yar Jung, & Qazi Talammuz Hussain.	
81	Do do	Do Part II.	Qazi Talammuz Hussain	
82	Wakeman, H. O.	The Ascendancy of France. (1598—1715)	Syyid Fakhrul Hasan	

GREEK HISTORY

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
83	Abbott, E.	Pericles and the Golden Age of Athens.	Md. Enayatullah	
84	Adolf Holm	History of Greece. Vol. I.	Haroon Khan Sherwani	
85	Do	Do Vol. II.	Do	
86	Do	Do Vol. III.	Do	
87	Do	Do Vol. IV.	Do	
88	Bury, J. B.	History of Greece	Syyid Hashimi	
89	Ferguson, W. S.	Greek Imperialism	Md. Enayatullah	
90	Pickard-Cambridge, A. W.	Demosthenes	Qazi Talammuz Hussain	

ROMAN HISTORY

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
91	Bury, J. B.	The Student's Roman Empire	Syyid Hashimi	
92	Firth, J. B.	Constantine	Md. Enayatullah	

93	Heitland, W. E.	The Roman Republic Vol. I.	H. A. Ansari	..
94	Do	Do Vol. II.	Do	..
95	Do	Do Vol. III.	Do	..
96	Do	Do Vol. IV.	Do	..
97	Do	Do Vol. V.	Do	..
98	Pelham, H. F.	Outlines of Roman History		..

ISLAMIC HISTORY

99	Abd-al-Halim, Sharar	History of Islam Vol. I.		..
100	do	Do Vol. II.		..
101	Jonquiere, De La	Histoire de l'Empire Ottoman. Vol. I. (French).	M. M. Pickthal and Syyid Hashimi	..
102	Do	Histoire de l'Empire Ottoman. Vol. II. (French).	Do	..
103	Ibnul-Asir-ul-Jazri	Tarikh-al-Kamil. Parts. I. & II. The Holy Prophet and the first Four Caliphs.)	S. Abu-al-Khair Maududi.	Under translation.
104	Do	Tarikh-al-Kamil. Pt. I. (Omay-yid Period).	Md. Jamil-al-Rahman	..
105	Do	Tarikh-al-Kamil. Pt. II. (Omay-yid Period).	Syyid Hashim Nadvi	..
106	Do	Tarikh-al-Kamil. Pt. I. (Abbaside Period).	Sd. Abu-al-Khair Maududi.	..
107	Do	Do Pt. II.	Do	Do
108	Do	Do Pt. III.	Do	Do
109	Do	Do Pt. IV.	Do	Do
110	Do	Do Pt. V.	Do	Do
111	Do	Do Pt. VI.	Do	
112	Ibn-ul-Khatib, Lisanuddin	Al Ehata-fi-Akhbar-e-Gharnata Pt. I.	Syyid Ahmad-allah	..
113	Do	do Pt. II.	Do	In press.
114	Ibn-e-Saad, (Abu-Abdallah)	Tabqat-e-Kabir. Vol. I. (Seerat al-Nabi).	Abd-allah-Emadi	..

Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
Ibn-e-Saad, (Abu-Abdallah,) ..	Tabqat-e-Kabir. Vol. II. (Seerat-al-Nabi).	Abd-allah Emadi ..	In press.
Do ..	Tabqat-e-Kabir. Vol. III. (Ghuz-wat-al-Nabi).	Do ..	Do
do ..	Tabqat-e-Kabir. Vol. IV. (Wafat-al-Nabi).	Do ..	Under Translation.
do ..	Tabqat-e-Kabir, Vol. V. (Tabka-e-Mohajerin).	Do ..	Do
do ..	Tabqat-e-Kabir, Vol. VI. Ashab-al-Nabi. (Tabqa-e-Ansar-e-Oola).	Do ..	Do
do ..	Tabqat-e-Kabir. Vol VII Ashab-al-Nabi. (Tabqa-e-Ansar-e-Sani-yah.)	Do ..	Do
Do ..	Tabqat-e-Kabir. Vol. VIII. Ta-ba-ien. (Tabqa-e-Oola.)	Do ..	Do
do ..	Tabqat-e-Kabir. Vol. IX. Taba-ien Tabqa-e-Kofa-ien	Do ..	Do
do ..	Tabqat-e-Kabir. Vol. X. Tabaien (Tabqa-e-Basraien).	Do ..	Do
Do ..	Tabqat-e-Kabir. Vol. XI. Tazkira-al-Nisa. (Azwaj-al-Nabi).	Do ..	Do
Do ..	Tabqat-e-Kabir. Vol. XII. Tazkira-al-Nisa. (Mominat-e-Salehat).	Do ..	Do
Abdu Hassan Hilal-as-Saabi...	Kitab-al-Wuzara ..	S. Abu-al-Khair Mau-dudi. ..	Do
Abu Yousuf, Qazi Imam ..	Kitab-al-Khiraj ..	Do ..	Do
Ahmad Bin Abi Yakub Bin Jafar	Tarikh-e-Yaqabi ..	Do ..	Do
Ballazari (Ahmad Bin Yahya Ibn-e-Jabirul Baghdadi).	Fatuhu-al-buldan Vol. I. ..	Do ..	Do
do ..	Fatuh-al-buldan, Vol. II. ..	Do ..	Do

No.	Author	Title		Status
131	Shahristani (Mohmad Bin Abd-al-Karim.)	Kitab-al-Milal-val-Nehal Vol. I.	.. S. Abu-al-Khair dndi.	Mau· Under Translation.
132	Do	Do Vol. II	.. Do	Do
133	Abu Jafar Mohamad Bin Jarir al-Tabri	Tarikh-e-Tabri. Vol. I. Pt. III. (Ahd-e-Rissalat).	Syyid Md. Ibrahim	
134	Do	Tarikh-e-Tabri. Vol. I. Pt. IV. (Khilafat-e-Rashida).	Do	
135	Do	Tarikh-e-Tabri. Vol. I. Pt. V. (Khilafat-e-Rashida).	Do	.. Under Translation.
136	Do	Tarikh-e-Tabri. Vol. II. Pt. I. (Omayyid Period).	Hydar Yar Jung	
137	Do	Tarikh-e-Tabri. Vol. II, Pt. II. (Omayyid Period).	Syyid Md. Ibrahim	
138	Do	Tarikh-e-Tabri. Vol II. Pt. III. & IV. (Omayyid Period).	Do	
139	Do	Tarikh-e-Tabri. Vol. III. Pt. I. (Abbaside Period)	Do	
140	Do	Tarikh-e-Tabri. Vol. III. Pt. II. (Abbaside Period)	Do	
141	Do	Tarikh-e-Tabri. Vol. III. Pt. III. & IV. (Abbaside Period).	Abd-allah Emadi	
142	Qidama Bin Jafar	Kitab-al-Khiraj	Sid. Abu-al-Khair Maududi.	
143	Mavardi (Qazi-ul-Quzzat Abu-al-Hasan.)	Ahkam-al-Sultania	S. M. Ibrahim	
144	Masudi (Abu-al-Hasan Ali.)	Murruj-al-Zahab	Do	
145	Do	Al-tanbih-wal-Ashraf.	Abd-allah Emadi	
146	Maqri, Ash-Shaikh-abil-Abbas Ahmad bin Muhammad.	Nafah-al-Tib	M. Khalil-al-Rahman	

GEOGRAPHY

| 147 | Enayatullah, Mohamad | A Historical Geography of Spain | M. Jamil-al-Rahman | |
| 148 | Le Strange, G. | Lands of Eastern Caliphate | .. | |

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
149	Le Strang, G.	Palestine under the Muslims	Syyid Hashimi	..
150	Marsden, E. & T. A. Smith	Geography for Senior Classes. Pt. I.	Do	..
151	Do	Do Pt. II.	Do	..
		POLITICAL SCIENCE		
152	Barker, Ernest	Political Thought in England, (1848—1914).	Qazi Talammuz Hussain	Under Translation.
153	Bluntschli, J. K.	The Theory of the State	Do	..
154	Dunning, W. A.	Political Theories, Ancient and Mediaeval. Vol. I.	Do	In Press.
155	Do	Political Theories From Luther to Montesquieu. Vol. II.	Do	Do
156	Do	Political Theories From Rousseau to Spencer, Vol. III.	Do	Do
157	Gilchrist, R. N.	Principles of Political Science	Do	..
158	Jenks, E.	A History of Politics	Abd-al-Qavi Fani	..
159	Leacock, S.	The Elements of Political Science	Qazi Talammuz Hussain.	..
160	Low, Sidney	The Governance of England	Do	Under Translation.
161	Ogg, F. A.	The Governments of Europe, Pt. I.	Do	..
162	Do	do Pt. II.	Do	..
163	Pollock, F.	An Introduction to the History of the Science of Politics.	Rahm Ali-al-Hashimi	..
164	Sarkar, B. K.	The Political Institutions and Theories of the Hindus.	K. C. Roy Saksena	Do
165	Seeley, J.	An Introduction to Political Science.	Qazi Talammuz Hussain	..
166	Sidgwick, H.	The Development of European Polity	Do	..

ENGLISH CONSTITUTION

No.	Author	Title	Translator	Remarks
167	Adams, G. B.	The Constitutional History of England.	Abd-al-Majeed Siddiqi	
168	Bagehot, W.	The English Constitution	Qazi Talammuz Hussain	
169	Chambers, A. M.	A Constitutional History of England.	Syyid Ali Raza	
170	Montague, F. C.	The Elements of English Constitutional History.	Do	

ECONOMICS

No.	Author	Title	Translator	Remarks
171	Armitage-Smith, G.	Principles and Methods of Taxation.	M. Habeeb-al-Rahman	
172	Banerjee, P.	A Study of Indian Economics	Md. Elias Burny	Under Translation.
173	Bastable, C. F.	The Theory of International Trade.	Bashid Ahmad	
174	Dutt, Romesh	The Economic History of India. Vol. I. Early British Rule.	M. Naseer-al-din Khan	
175	Dutt, Romesh	The Economic History of India. Vol. II. Victorian Age.	Do	
176	Elias Burny, Mohamad	Indian Economics		
177	Elias Burny, Mohamad	Principles of Economics		
178	Goschen, The Right Hon. Viscount.	The Theory of the Foreign Exchanges.	M. Habeeb-al-Rahman	
179	Ingram, J. K.	History of Political Economy	Rashid Ahmad	
180	Jathar, G. B. & S. G. Beri	Indian Economics Vol. I.	Do	
181	Jathar, G. B. & S. G. Beri	Indian Economics. Vol. II.	Do	
182	Jevons, W. S.	Money and the Mechanism of Exchange.	S. Ahmad Mohi-al-din	Do
183	Moreland, W. H.	An Introduction to Economics for Indian Students.	Md. Elias Burny	
184	Shirras, G. F.	Indian Finance and Banking	Rashid Ahmad	Do

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
185	Taussig, F. W.	Principles of Economics Vol. I...	Rashid Ahmad	..
186	Taussig, F. W.	Do Vol. II...	Do	..
187	Todd, J. A.	Mechanism of Exchange ..	Do	.. Under Translation
188	Warner, Townsend	Landmarks in English Industrial History.	Do	..
189	Withers, H.	The Meaning of Money.	Do	.. Do
190	Eddy, J. P., & F. H, Lawton..	India's New Constitution: A Survey of the Government of India Act, 1935,	Qazi Talammuz Hussain	..

SOCIOLOGY

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
191	Blackmar, F. W.	Elements of Sociology	S. Abid Husain	..
192	Worms, Rene	La Sociologie (French)	Yusuf Husain Khan	..

LOGIC

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
193	Abdul Majid	Logic: Deductive and Inductive..	Mirza Md. Hadi	..
194	Joseph, H. W. B.	An Introduction to Logic, Part I.	Do	..
195	Joseph, H. W. B.	Do Part II.	S. Hyder Husaini	.. Under Translation.
196	Fazl Imam	Mirqat	Ehsan Ahmad	..
197	Creighton, J. E.	An Introductory Logic		..

PSYCHOLOGY.

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
198	Angell, J. R.	Psychology	Motazid Wali-al-Rahman	..
199	James, William	Principles of Psychology Vol. I.	Ehsan Ahmad	..
200	James, William	Principles of Psychology, Vol. II.	Do	..
201	James, William	do Vol. III.	Do	..
202	James, William	The Text-Book of Psychology	Do	..

203	Mc Dougall, William	An Introduction to Social Psychology.	Mirza Md. Hadi	..
204	Mc Dougall, William	Outlines of Psychology	Motazid Wali-al-Rahman	..
205	Mc Dougall, William	A Primer of Physiological Psychology.	Do	..
206	Morgan, C. L.	An Introduction to Comparative Psychology.	Do	..
207	Stout, G. F.	The Groundwork of Psychology.	Mirza Md. Hadi	..
208	Stout and Thouless	The Ground work of Psychology	Ehsan Ahmad	..
209	Stout, G. F.	A Manual of Psychology	Abdul Bari Nadvi	..
210	Ward, James	Psychological Principles	Motazid Wali-al-Rahman	..
211	Woodworth, R. S.	Psychology: A Study of Mental Life.	Khwaja Abd-al-Quddus	.. Do
212	Woodworth, Robert	Contemporary Schools of Psychology.	Ehsan Ahmad	.. Do

Remarks for 204–210: Under Translation.

PHILOSOPHY.

213	Boer, Dr. T. J. De	The History of Philosophy in Islam.	Mirza Md. Hadi	..
214	Calkins, M. W.	The Persistent Problems of Philosophy.	Kh. Abdal Quddus	.. Under Translation.
215	Durant, Will	The Story of Philosophy	Ehsan Ahmad	..
216	Hoffding, Dr. H.	Geschichte der Neueren Philosophie, Vol. I. (German.)	Kalifa Abd-al-Hakim	..
217	Hoffding, Dr. H.	Geschichte der Neueren Philosophie, Vol. II. (German.)	Khalifa Abd-al-Hakim	
218	Hoffding, Dr. H.	The Philosophy of Religion. (Translated From the German Edition, by B. E. Meyer).	Mirza Md. Hadi	.. Under revision.
219	Iyengar, P. T. Srinivasa.	Outlines of Indian Philosophy	Ehsan Ahmad	..
220	Kulpe, O.	An Introduction to Philosophy	Mirza Md. Hadi	..
221	Max, Muller	Six Systems of Indian Philosophy	Ehsan Ahmad	.. Do

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
222	Paulsen, F.	An Introduction of Philosophy	Ehsan Ahmad	Under Translation.
223	Rappoport, A. S.	A Primer of Philosophy	Mir Vali-al-din	
224	Rashdall, H.	The Theory of Good and Evil Vol. I.	Kh. Abd-al-Quddus	
225	Rashdall, H.	Vol. II. ... Do	Kh. Abd-al-Quddus	Do
226	Renan	The Life and Writings of Averroes (Translated from the French by Nishikanta Chattopadhyaya).	Nawab Mashuq Y a r Jung, Br.	
227	Russell, B.	Problems of Philosophy	Md. Moeen-al-din Ansari	
228	Webb, C. J.	A History of Philosophy	Ehsan Ahmad	
229	Weber, A.	History of Philosophy	Khalifa Abdal Hakim	
230	Zeller, E.	Grundriss der Geschichte der Griechischen Philosophie (German).	Do	
231	Ibn-e-Hazm	Kitab-al-Milal-va-Nehal	Abd-allah Emadi	
232	Moulana Jalal-al-din (Roomi)	Masnavi Shariff	Haji Md. Moin-al-din	Do
233	Shab-al-din, Maqtool	Hikmat-al-Ishraq	Mirza Md. Hadi	Do
234	Sadr-al-din Shirazi	Asfar-e-Arba. Vol. I. Pt. I.	Manazir Ahsan	
235	Do	Vol. I. Pt. II.	Do	
236	Do	Vol. II.	Abu-al-Aala Maududi	Under revision.
237	Do	Vol. III.	Abu-al-Aala Maududi	Do
238	Do	Vol. IV.	Sd. Meerak Shah	Do
239	Dasgupta, S.	A History of Indian Philosophy. Vol. I.	Pandit Shiv Mohan Lal	In Press.
240	Dasgupta, S.	A History of Indian Philosophy. Vol. II.	Do	Do
241	Robinson, D. S.	An Introduction to Living Philosophy.	Dr. Meer Vali-al-din	
242	Mohi-al-din (Ibn-e-Arabi)	Fasoos-al-Hikam	Md. Abd-al-Qadeer Siddiqi	
243	Lutfi (Muhammad)	Tarikh Falasifa-al-Islam	Dr. Meer Vali-al-din	

METAPHYSICS.

No.	Author	Title	Translator		Notes
244	Bergson, Henri	An Introduction to Metaphysics.	Abd-al Bari	..	
245	Descartes, Rene	Discourse on Method and Metaphysical Meditations.	Abd-al Bari	..	
246	James, William	Pragmatism	Abd-al Bari	..	Under Translation.

ETHICS.

No.	Author	Title	Translator		Notes
247	Aristotle	The Nichomachean Ethics	Mirza Md. Hadi	..	
248	Dewey, J. and J. H. Tufts	Ethics	Abd-al Bari	..	
249	Green, T. H.	Prolegomena to Ethics	Ehsan Ahmad	..	
250	Mackenzie, J. S.	A Manual of Ethics	Abd-al Bari	..	
251	Mill, J. S.	Utilitarianism	Motazid Wali-al-Rahman	..	
252	Plato	The Phædrus, Lysis and Protagoras. (G. T. S.)	Mirza Md. Hadi	..	
253	Plato	The Republic	Mirza Md. Hadi	.	
254	Rogers, R. A. P.	A Short History of Ethics	Ehsan Ahmad	..	
255	Sidgwick, H.	A Short History of Ethics	Ehsan Ahmad	..	
256	Stephen, Sir Leslie	The Science of Ethics	Ehsan Ahmad	..	

LAW

No.	Author	Title	Translator		Notes
257	Abd-al-Rahim	Muhammadan Jurisprudence	Masood Ali	..	
258	Ameer Ali, Sir S.	Student's Handbook of Muhammadan Law.	Syyid Ali Raza		
259	Anson, Sir W. B.	Principles of the English Law of Contract.	Hussain Ali Mirza	..	
260	Dicey, A. V.	Law of the Constitution	Masood Ali	..	
261	Ghose, J. C.	The Principles of Hindu Law	Rai Baijnath	..	In Press.
262	Kenny, C. S.	Outlines of Criminal Law	Hussain Ali Mirza	..	
263	Lawrence, T. J.	The Principles of International Law.	Masood Ali	..	Under Translation.

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
264	Leage, R. W.	Roman Private Law	..	Meer Mahboob Ali	..	
265	Maine, H. S.	Ancient Law	..	Masood Ali	..	Under Compilation.
266	Masood Ali	A Dictionary of Law Terms and phrases. (English-Urdu Compilation).		
267	Masood Ali	A Manual of Legal Maxims, Terms and phrases. (English-Urdu Compilation).	..		Do
268	Mulla, Sir D. F.	Principles of Muhammadan Law.	..	Do	..	
269	Salmond, J. W.	Jurisprudence, Part I.	..	Syyid Ali Raza	..	
270	Salmond, J. W.	Do Part II.	..	Syyid Ali Raza	..	
271	Underhill, A.	Law of Torts	..	Rai Baijnath	..	
272	Westlake, J.	A Treatise on Private International Law.	..	Masood Ali	..	
273	Best, W. M.	The Principles of the Law of Evidence.	..	Meer Siyadat Ali Khan	In press.
274	Mayne, John D.	A Treatise on Hindu Law and Usage. Vol. I.	..	Meer Akbar Ali Musavi	
275	Mayne, John, D.	A Treatise on Hindu Law and Usage. Vol. II.	..	Meer Akbar Ali Musavi	In press.

MATHEMATICS.

276	Askwith, E. H.	A Course of Pure Geometry	..	Nazeer-al-din	..	
277	Ball, Sir Robert	A Treatise on Spherical Astronomy. Pt. I.	..	Do	..	
278	Ball, Sir Robert	Do Pt. II.	..	Do	..	
279	Barkat Ali, Sh. and Kh. Mohi-al-din.	Plane Geometry	..		..	

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
306	Parker, G. W.	The Elements of Astronomy	Shaikh Barkat Ali	In press.
307	Piaggio, H. T. H.	Differential Equations	Nazeer-al-din	
308	Smith Charles	Conic Section	Do	
309	Todhunter, I. & J. G. Leathem	Spherical Trigonometry	Do	Do
310	Lamb, Horace	Dynamics	Do	
311	Humphrey, D.	Intermediate Mechanics, Statics and Hydrostatics. Vol. I.	Do	Under Translation.
312	Humphery, D.	Intermediate Mechanics, Statics and Hydrostatics. Vol. II.	Do	Do
313	Stratton, F. G. M.	Astronomical Physics	Do	Do

PHYSICS.

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
314	Abd-al-Rahman Khan, M.	A Course in Subsidiary Mathematics for B.Sc. Physics, Pt. I.		
315	Abd-al-Rahman Khan, M.	A Course in Subsidiary Mathematics for B.Sc. Physics. Pt. II.		Under Compilation.
316	Abd-al-Rahman Khan, M.	Physical Optics		
317	Allen, H. S. & H. Moore	Practical Physics. Part I. Properties of Matter and Heat.	Prof. Waheed-al-Rahman	
318	Allen, H. S. & H. Moore	Practical Physics, Pt. II. Sound and Light.	M. Abd-al-Rahman Khan	
319	Allen, H. S. & H. Moore	Practical Physics. Part III. (Magnetism and Electricity).	M. Abd-al-Rahman Khan	
320	Duncan, J. and S. G. Starling	Text-Book of Physics. Part I. Properties of Matter.	Nasir Ahmad	
321	Duncan, J. and S. G. Starling	Do Part II. Heat.	Syyid Abd-al-Jalil	
322	Duncan, J. and S. G. Starling	Do Part III. Light	M. Abd-al-Rahman Khan	
323	Duncan, J and S. G. Starling	Do Part IV. Sound	M. Abd-al-Rahman Khan	
324	Duncan, J. and S. G. Starling	Do Part V. Magnetism	M. Abd-al-Rahman Khan	

325	Duncan, J. and S. G. Starling..	Do Part VI. (Electricity.)	M. Abd-al-Rahman Khan	
326	Gregory, R. and H. E. Hadley..	A Class-Book of Physics. Part I. (Fundamental Measurements.) ..	Ch. Barkat Ali	..	Out of Print.
327	Gregory, R. and H. E. Hadley..	A Class-book of Physics. Pt. II. (Heat.)	Ch. Barkat Ali	..
328	Gregory, R. and H. E. Hadley..	A Class-book of Physics. Pt. III. (Light.)	Do	..
329	Gregory, R. and H. E. Hadley..	A Class-book of Physics. Pt. IV. (Sound.)	Do	..
330	Gregory, R. and H. E. Hadley..	A Class-book of Physics. Pt. V. (Magnetism.)	Do	..
331	Gregory, R. and H. E. Hadley..	A Class-book of Physics. Pt. VI. (Electricity.)	Do	..
332	Gregory, R. and A. T. Simmons	Lessons in Science: Physics Pt. I.	Do	..
333	Gregory, R. and A. T. Simmons	Do Part II. ..	Do	..
334	Schuster, A. and C. H. Lees ..	Practical Physics. Part I ..	M. Abd-al-Rahman Khan	
335	Schuster, A. and C. H. Lees ..	Do Part II. ..	Do	..
336	Schuster, A. and C. H. Lees ..	Do Part III. ..	Do	..
337	Hutchinson, R. W.	Advanced Text-book of Electricity and Magnetism Vol. I. Magnetism and Electrostatics.	Murtanjay Rao	..	Under Translation.
338	Hutchinson, R. W.	Advanced Text-book of Electricity and Magnetism. Vol. II. Electro-dynamics.	Do	..	Do
339	Wornsop, B, L, & H, T, Flint..	Advanced Practical Physics for Students.	Do	..	In press.

CHEMISTRY.

340	Bailey, G. H. & H. W. Bausor..	Matriculation Chemistry, Part I..	Chaudhri Barkat Ali	..
341	Bailey, G. H. & H. W. Bausor	Do Part II..	Do	..
342	Bailey, G. H. & H. W. Bausor	Do Part III..	Do	..
343	Bruce, J. and Harry Harper..	Practical Chemistry		..

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
344	Caven, R. M. & G. D. Lander	Systematic Inorganic Chemistry	Mahmood Ahmad Khan	In press.
345	Caven, R. M.	Systematic Qualitative Analysis	Meer Asad Ali	Under Translation.
346	Caven, R. M.	Quantitative Chemical Analysis	Do	Do
347	Cohen, J. B.	A Class-Book of Organic Chemistry Vol. I.	Kh. Habeeb Hasan	In Press.
348	Cohen, J. B.	Do Vol. II.	Do	Do
349	Cohen, J. B.	Organic Chemistry	Sardar Baldev Singh	
350	Cohen, J. B.	Practical Inorganic Chemistry	Hakim Ali	Do
351	Cohen, J. B.	Theoretical Organic Chemistry	S. M. Azan	Do
352	Fenton, M. T. H.	Outlines of Chemistry: Physical Chemistry.	Mahmood Ahmad Khan	
353	Gregory, R. & A. T. Simmons	Lessons in Science: Chemistry	Ch. Barakat Ali	Under Compilation.
354	Muzaffar-al-din, Qureshi	A Course of Practical Chemistry.		Under Translation.
355	Partington, J. R.	A Text-Book of Inorganic Chemistry.	Muzaffar-al-din Qureshi	
356	Smith, Alexander	Inorganic Chemistry Part I.	Ch. Barakat Ali	
357	Smith, Alexander	Inorganic Chemistry Part II.	S. M. Azam	In Press,
358	Walker, J.	An Introduction to Physical Chemistry. Pt. I.	Feroz-al-din Murad	
359	Walker, J.	An Introduction to Physical Chemistry. Pt. II.	Feroz-al-din Murad	

BOTANY

No.	Author's or Compiler's Name	Name of the Book	Translator's Name	Remarks
360	Lowson & Sahni	A Text-book of Botany. Pt. I.	M. Saeed-al-din	
361	Lowson and Sahni	A Text-book of Botany. Pt. II.	M. Saeed-al-din	
362	Rangachari, R. B. K.	Practical Botany	M. Abd-al-Bari	
363	Haberlandt, G.	Physiological Plant Anatomy	M. Saeed-al-din	Under Translation,
364	Scott, D. H.	An Introduction to structural Botany. Pt. I. Flowering Plants	M. Abd-al-Bari	Do

| 365 | Scott, D. H. | An Introduction to Structural Botany. Pt. II. Flowerless Plants. | .. | M. Abd-al-Bari | .. | Under Translation. |
| 366 | Strasburger, E. | Text-Book of Botany | .. | M. Abd-al-Waheed | .. | Do |

ZOOLOGY

267	Bhatia, B. L.	An Elementary Text-book of Zoology for Indian Students: Rana trigrina and Pheretima Posthuma.	..	M. Raheem-allha	..	In press.
368	Borradaile, L. A.	Elementary Zoology for Medical Students.	..	M. Saeed-al-din	..	In press.
369	Lull, R. S.	Organic Evolution	..	Dr. B. K. Das	..	Under Translation.
370	Marshall, A. M. & C. H. Hurst	A Junior Course of Practical Zoology.	..	Md. Raheem-allah	..	In press.
371	Marshall, A. H.	The Frog	..	M. Abd-al-Rahman Khan	..	Under Translation.
373	Parker, T. J. & W. A. Haswell	A Text-book of Zoology. Vol. I.	..	Md. Rahimullah	..	In press.
372	Parker, T. J. & W. A. Haswell	A Text-book of Zoology. Vol. II.	..	Do	..	In press.
374	Wiedersheim, R, & W. N. Parker, Drs.	Elements of the Comparative Anatomy of Vertebrates	..	M. Abd-al-Rahman Khan	..	Under Translation.

MEDICINE

375	Burnet, James.	Manual of Diseases of Children	..	Dr. Ghulam Dastagir	..	Under Translation.
376	Cunningham	Manual of Practical Anatomy Vol. I.	..	Dr. Fazl-e-Kareem Khan		
377	Cunningham	Do Vol II.	..	Dr. Mufti Shah Nawaz.		In press.
378	Cunningham	Do Vol. III.	..	Dr. Md. Osman Khan and Dr. Fazl-e-Kareem Khan.		In press.
379	Dixon Mann, J. & W. A. Brend	Forensic Medicine and Taxicology. Pt. I.	..	Dr. Md. Husain	..	
380	Do do	do Pt. II.	..	Do	..	

No.	Author's or Compilor's Name	Name of the Book	Translator's Name	Remarks
381	Eden, T. W. & Lockyer	Gynaecology. Pt. I.	Dr. Ghulam Dastagir	In press.
382	Do	Do Pt. II.	Do	Under Translation.
383	Ghosh, Birendra Nath	A Treatise on Hygiene and Public Health.	Dr. Md. Osman Khan..	
384	Ghosh, Rakhaldas	Materia Medica. Pt. I.	Dr. Hasan Ali Khan ..	Do
385	Do	Do Pt. II	Dr. Hamid Hasan Jaferi & Dr. Ghulam Dastageer	Do
386	Gray, Henry	Anatomy. Pt. I. Histology	Dr. Ashraf-al-Haq	Do
387	Do	Do Pt. II. Embryology	Do	Do
388	Do	Do Pt. III. Osteology	Do	
389	Do	Do Pt. IV. Syndesmology..	Do	
390	Do	Do Pt. V. Myology	Do	
391	Do	Do Pt. VI. Angiology	Hakeem Kabeer-al-din ..	
392	Do	Do Pt. VII. Neurology	Dr. Fazl-e-Kareem Khan and Dr. Mufti Shah Nawaz.	
393	Do	Do Pt. VIII. Splanchnology: Surface Anatomy and Surface Makings.	Dr. Md. Osman Khan..	Do
394	Green	Manual of Pathology and Morbid Anatomy.	Dr. Fazl-e-Kareem Khan	
395	Halliburton, W. D.	Essentials of Chemical Physiology	Dr. Mufti Shah Nawaz.	Do
396	Halliburton, W. D.	Handbook of Physiology. Part I.	Dr. Enayat Ali Khan..	Do
397	Do	Handbook of Physiology. Part II	Md. Ali Shah	
398	Hutchison, R. & D. Hunter	Handbook of Physiology, Part III. Clinical Methods	Dr. Syyid Nasir Abbas.	Do
399	Haider Ali Khan, Haji	Elements of Embryology. (Second Edition in Urdu).	Dr. Fazl-e-Kareem Khan	Do
400				

No.	Author		Title	Translator	Status
401	May, C. H. & C. Worth	..	Manual of Diseases of the Eye	Dr. Khursheed Husain.. Pt. I.	
402	Do	:	Pt. II.	Do	Under Translation.
403	Muir, R. and James Ritchie	..	Manual of Bacteriology	Dr. Mufti Shah Nawaz. ..	Do
404	Rose and Charless	..	Manual of Surgery, Pt. I.	Dr. Mukhtar Husain ..	Do
405	Do	..	Do Pt II..	..	
406	Schafer, Sir E. Sharpey	..	Experimental Physiology	Dr. Md. Osman Khan..	
407	Do	:	The Essentials of Histology Part I.	Do	
408	Do	:	Do Part II.	Do	
409	Taylor	:	Practice of Medicine Pt. I.	Do	
410	Do	:	Do Pt. II	Do	
411	Do	:	Do Pt. III.	Do	In press.
412	Do	:	Do Pt. IV.	Do	In press.
413	Ten Teachers	:	Midwifery. Pt. I.	Dr. Khaleel-al-Rahman	
414	Do	:	Do Pt. II.	Dr. Md. Husain	
415	Treves, Sir F.	:	Surgical Applied Anatomy Pt. I.	Dr. Ghulam Dastagir ..	
416	Do	..	Do do Pt. II.	Do	
417	Waring, Sir H. J.	..	Manual of Operative Surgery ..	Dr. Md. Husain.	Under Translation.

ENGINEERING

No.	Author		Title	Translator	Status
418	Andrews, E. S.	..	Theory and Design of Structures Pt. I	M. Zai-al-din Ansari ..	
419	Do	..	Do do Pt. II.	Do	
420	Cunningham, Lieut.-Col. A.	..	Applied Mechanics Vol. I, Pt. I.	Do	In Press.
421	Do	..	Do do Vol. I Pt. II.	Do	In Press.
422	Davidge, H. T. & R. W. Hutch-inson.	..	Technical Electricity	Bala Pershad and Afzal Ali Khan.	In Press.
423	Dunkerley, S.	..	Mechanism	Mirza Mehdi Ali ..	Under Translation.
424	Ellis, Col. W. M.	..	Irrigation	Md. Riza-allah ..	In Press.
425	Faber, O. & P. G. Bowie	..	Reinforced Concrete Design: Practice.	Md. Hafeez-allah ..	In Press.

No.	Author's or Compilor's Name	Name of the Book	Translator's Name	Remarks
426	Faber, O. & P. K. Bowie	Reinforced Concrete Design: Theory.	Md. Zia-al-din Ansari..	Under Translation.
427	Geikie, James	Structural and Field Geology ..	Mirza Md. Ali Baig ..	Do
428	Goodman, John	Mechanics Applied to Engineering.	S. Dildar Husain ..	In Press.
429	Harrison, Major J. H. C.	Applied Mechanics. Vol. II. ..	Md. Zia-al-din Ansari..	In Press.
430	Inchley, W.	The Theory of Heat Engines ..	Mirza Mehdi Ali ..	
431	Lamb, Horace	Infinitesimal Calculus. Part I. ..	Qazi Md. Husain and Kishen Chand.	
432	Do	Do Part II. ..	Do	
433	Do	Do Part III. ..	Do	
434	Lea, F. C.	Hydraulics	Kh. Md. Nemat-allah Khan & Md. Moin-al-din Khan	Under Translation.
435	Leonard, W. S.	Machine-shop Tools and Methods.	Md. Abd-allah Hasan..	In Press.
436	Love, Col. H. D.	Hydraulics	Kh. Md. Nemat-allh Khan.	In Press.
437	Low, D. A. & A. W. Bevis	A Manual of Machine Drawing and Design.	Md. Hafeez-allah	
438	Mitchell, C. F. & E. G. Davey	Forty Lessons in Engineering Workshop Practice.	S. Dildar Husain	
439	Morley, A.	Strength of Materials Pt. I	Md. Zia-al-din Ansari..	
440	Do	Do Pt. II. ..	Do	
441	Peirpoint, A. E.	A Mensuration for Indian Schools and Colleges. Pt. I.	Md. Aziz-al-Rahman	
		Do do Pts. II. & III.	Do	
442	Do	Metallurgy	Md. Abd-allah Hasan..	
443	Rhead, E. L.	Steam-Engine: Theory and Prac-	S. Mahmood Alam ..	In Press.
444	Ripper, William	tice.		
445	Roorkee Treatise	Section. I. Building Materials ..	Md. Asad-allah	
446	Roorkee Treatise	Section II. Masonry	S. Manzoor Husain ..	

447	Rookee Treatise	Section III. Carpentry	Lalit Mohan Mookerji..	
448	Do	Section IV. Earthwork	S. Manzoor Husain ..	
449	Do	Section V. Examples of Estimating	Mahmood Husain Mohajir. ..	
450	Do	Section VI. Building Construction	Md. Azmat-allah ..	In Press.
451	Do	Station VII. Bridges	Ghulam Md. Khan ..	
452	Do	Section VIII. Roads	Do ..	
453	Do	Section IX. Railways	Md. Zia-al-din Ansari..	Do
454	Do	Section X. Irrigation Works. Vol. I.	S. A. Riza ..	Do
455	Do	Do do Vol. II.	Md. Sami-allah-Shah ..	Do
456	Do	Section XI. Sanitary Engineering. Pt. I. Water Supply.	Md. Ahmad Mirza ..	
457	Do	Section XII. Sanitary Engineering, Pt. II. Sewerage and Drainage Works.	Do ..	
458	Do	Section XIII. Drawing Manual. Pt. I.	S. Abd-al-Rahman ..	
459	Do	Do Pt. II.	Do ..	In Press.
460	Do	Section XIV. Surveying. Pt. I.	Lokendar Bahadur ..	
461	Do	Do Pt. II.	Md. Riza-allah ..	
462	Vredenburg, E. W.	A Summary of the Geology of India. ..	Mirza Md. Ali Baig ..	

MISCELLANEOUS

1	Ethel M. Pope	India in Portuguese Literature .. ..
2	M. Bazi-al-din, Siddiqi	Lectures on Quantum Mechanics. Vol. I.
3	Dr. J. H. Cousins	Three University Extension Lectures. .. ..

Complimentary copies of these Publications are sent to the following.

1. His Exalted Highness the Nizam.
2. His Exalted Highness' Peshi office.
3. His Excellency the Chancellor.
4. Hon'ble the Vice-Chancellor.
5. The Pro-Vice-Chancellor.
6. Education Secretary.

} A copy of each of the Publications.

7. The Compiler or the Translator of the Book.

A copy of the Compilation or the Translation.

8. Publishers of the original Book.

Two copies of the translation.

9. Universities :—
   1. Agra.
   2. Allahabad.
   3. Annamalai University. Chidambaram.
   4. Andhra.
   5. Bombay.
   6. Calcutta.
   7. Dacca.
   8. Delhi.
   9. Hindu University Beneras.

} A copy of each of the Publications.

10. Jamia Millia Islamia, Delhi.
11. Lucknow.
12. Madras.
13. Muslim University Aligarh.
14. Mysore.
15. Nagpur.

A copy of each of the Publications.

16. Osmania University, Hyderabad-Deccan.
17. Punjab University, Lahore.

Two copies of each of the Publications.

18. Patna.
19. Rangoon.
20. Trawancore.

A copy of each of the Publications.

0. Colleges:—
1. Osmania University College for Women.
2. Osmania Training College.

A copy of each of the Publications. except those on Medicine and Engineering.

3. Osmania Engineering College.

A copy of each of the Publications on Mathematics, Physics, Chemistry, Geology and Engineering.

4. Osmania Medical College.

A copy of each of the Publications on Physics, Chemistry, Botany, Zoology, and two copies of each of the Publications on Medicine.

5. Nizam College Hyderabad Deccan.

A copy of each of the Publications.

6. City Intermediate College, Hyderabad Deccan.
7. Intermediate College, Aurangabad.
8. Intermediate College, Gulbargah.
9. Intermediate College, Warangal.
10. Nizamiah Tibbia College, Hyderabad-Deccan,

} A copy of each of the Publications on subjects of Arts, Science, Theology and Education.

A copy of each of the Publications on Physics, Chemistry, Botany, Zoology and Medicine.

A copy of each of the Publications on Islamic History, Muslim Philosophy and Logic.

11. Madarasa-e-Nizamiah, Shibli Gunj, Hyd-Dn.

12. Ismail College, Andheri, Bombay.
13. Islamia College, Peshawer.
14. Islamia College, Lahore.
15. Darul-ul-oom Nadva, Lucknow.
16. Darul-ul-oom, Deoband.

} A copy of each of the Publications on Arts, Science, Theology and Education.

11. Associations and Literary Organizations:—
   1. Osmania Graduates Association, Hyderabad-Deccan
   2. Anjuman Himayatul-Islam, Lahore.
   3. Anjuman Tarrqqi-e-Urdu, Hind, Delhi.
   4. Royal Asiatic Society, Bombay.
   5. Idarai Adbiyat Urdu, Hyderabad-Deccan.
   6. Visva Bharti, Bengal.
   7. Darul Mussaniffin, Azamgarh.

} A copy of each of the Publications

12. Libraries:—
   1. Executive Council office Library, Hyd-Dn.

A copy of the Publications on History, Politics, Constitution, Economics, Law & Geography.

2. Home Secretariat Library.
3. Director of Public Instruction's office Library.
4. Registrar's office Library.

} A copy of each of the Publications.

5. Curator's office Library.

Two copies of each of the Publications.

6. Asafia Library, Hyderabad-Deccan.
7. Record office Library, Hyderabad-Deccan.
8. Nawab Sir Amin Jung Bahadur' Library, Hyd-Dn.

} A copy of each of the Publications.

9. Hydari Gushti Library Hyderabad-Deccan.

A copy of the Publications on Ele: Philosophy & Science.

10. Imperial Library, Calcutta.
11. Central Library, Baroda.
12. Director of Public Instruction's office Library, Kashmir.

A copy of each of the Publications.

13. State Library, Bhopal.
14. State Library, Rampur.
15. Oriental Public Library, Patna.

13. Foreign Institutions and Librarians:—

1. British Museum, London.
2. India office Library, London.
3. School of Oriental Studies, London.

} A copy of each of the Publications.

4. Bodlein Library, Oxford.

5. Cambridge University Library.

6. Paris University.

7. Majlis Adbiyat, Kabul.

8. University of Tihran.

9. Jama-e-Azhar.

10. University of Cairo.

} A copy of each of the Publications.

11. Madarsa-e-Soulitha Mecca. A copy of selected Publications on Ele: Subjects.

INDEX